

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121418\
 Data File : VX006534.D
 Acq On : 14 Dec 2018 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:24 PM

Quant Time: Dec 15 05:41:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	545336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	798612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	297046	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	5.51	113	274366	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	1007095	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	395767	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	259644	48.626	ug/l	98
3) Chloromethane	1.33	50	278797	50.809	ug/l	98
4) Vinyl Chloride	1.41	62	310895	52.644	ug/l	99
5) Bromomethane	1.64	94	293904	71.811	ug/l	98
6) Chloroethane	1.71	64	197580	54.566	ug/l	99
7) Trichlorofluoromethane	1.93	101	486649	53.683	ug/l	98
8) Diethyl Ether	2.19	74	188876	55.052	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	280777	54.471	ug/l	98
10) Methyl Iodide	2.51	142	457028	58.833	ug/l	98
11) Tert butyl alcohol	3.07	59	377077	247.678	ug/l	99
12) 1,1-Dichloroethene	2.37	96	267531	54.216	ug/l	94
13) Acrolein	2.29	56	212523	255.401	ug/l	96
14) Allyl chloride	2.73	41	447892	45.949	ug/l	98
15) Acrylonitrile	3.15	53	835323	262.929	ug/l	99
16) Acetone	2.45	43	675709	258.639	ug/l	95
17) Carbon Disulfide	2.57	76	680527	44.755	ug/l	99
18) Methyl Acetate	2.78	43	455340	52.117	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	916360	52.056	ug/l	98
20) Methylene Chloride	2.86	84	303867	54.651	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	287621	54.696	ug/l	90
22) Diisopropyl ether	3.87	45	839467	55.136	ug/l	98
23) Vinyl Acetate	3.82	43	3395726	261.491	ug/l	100
24) 1,1-Dichloroethane	3.70	63	480370	55.199	ug/l	99
25) 2-Butanone	4.70	43	1016246	272.617	ug/l	100
26) 2,2-Dichloropropane	4.59	77	340242	42.364	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	329902	56.243	ug/l	97
28) Bromochloromethane	5.02	49	198758	52.288	ug/l	99
29) Tetrahydrofuran	5.15	42	689055	265.964	ug/l	96
30) Chloroform	5.21	83	522732	57.159	ug/l	100
31) Cyclohexane	5.57	56	436498	54.274	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	455292	52.324	ug/l	99
36) 1,1-Dichloropropene	5.80	75	385127	53.176	ug/l	98
37) Ethyl Acetate	4.85	43	393424	48.507	ug/l	98
38) Carbon Tetrachloride	5.79	117	397531	46.657	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	490110	52.134	ug/l	96
40) Benzene	6.14	78	1173061	54.078	ug/l	99
41) Methacrylonitrile	5.06	41	219306	49.140	ug/l	98
42) 1,2-Dichloroethane	6.20	62	391237	55.109	ug/l	100
43) Isopropyl Acetate	6.46	43	639805	47.313	ug/l	99
44) Trichloroethene	7.21	130	344276	52.390	ug/l	94
45) 1,2-Dichloropropane	7.52	63	289559	52.522	ug/l	98
46) Dibromomethane	7.66	93	210246	52.804	ug/l	95
47) Bromodichloromethane	7.90	83	366643	47.551	ug/l	99
48) Methyl methacrylate	7.77	41	329507	50.087	ug/l	98
49) 1,4-Dioxane	7.75	88	170969	1054.445	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2042428	259.448	ug/l	98
52) Toluene	8.79	92	775674	54.353	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	407855	45.229	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	447724	47.815	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	319253	55.065	ug/l	99
56) Ethyl methacrylate	9.18	69	481360	53.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	500148	54.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1071846	233.042	ug/l	99
59) 2-Hexanone	9.49	43	1522126	253.081	ug/l	98
60) Dibromochloromethane	9.59	129	328355	45.929	ug/l	100
61) 1,2-Dibromoethane	9.67	107	348613	53.776	ug/l	100
64) Tetrachloroethene	9.34	164	327603	54.471	ug/l	97
65) Chlorobenzene	10.14	112	917757	54.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	320385	48.641	ug/l	99
67) Ethyl Benzene	10.25	91	1502754	53.297	ug/l	99
68) m/p-Xylenes	10.36	106	1205524	106.736	ug/l	100
69) o-Xylene	10.70	106	589764	52.864	ug/l	98
70) Styrene	10.71	104	963868	53.419	ug/l	99
71) Bromoform	10.86	173	248052	39.894	ug/l #	98
73) Isopropylbenzene	11.02	105	1563362	54.408	ug/l	100
74) N-amyl acetate	10.90	43	581976	47.034	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	474744	51.644	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	434891m	54.151	ug/l	
77) Bromobenzene	11.26	156	423258	53.078	ug/l	98
78) n-propylbenzene	11.36	91	1744226	54.608	ug/l	100
79) 2-Chlorotoluene	11.42	91	1032796	54.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1293627	54.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	129710	37.902	ug/l	86
82) 4-Chlorotoluene	11.51	91	1188900	53.864	ug/l	100
83) tert-Butylbenzene	11.77	119	1332471	52.237	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1335136	54.083	ug/l	100
85) sec-Butylbenzene	11.94	105	1602551	55.223	ug/l	100
86) p-Isopropyltoluene	12.07	119	1428884	54.682	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	762343	53.728	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	755378	52.451	ug/l	99
89) n-Butylbenzene	12.39	91	1191354	53.433	ug/l	99
90) Hexachloroethane	12.60	117	230421	43.265	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	735706	52.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101529	43.085	ug/l	95

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VSTDCCC050EC

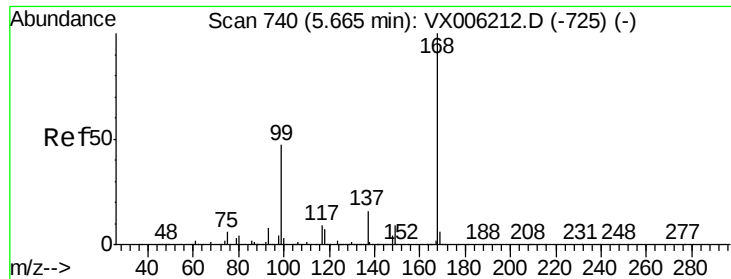
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	525378	51.138	ug/l	99
94) Hexachlorobutadiene	13.78	225	233783	51.455	ug/l	100
95) Naphthalene	13.83	128	1686883	52.785	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	521979	51.296	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 545336

Ion Ratio Lower Upper

168 100

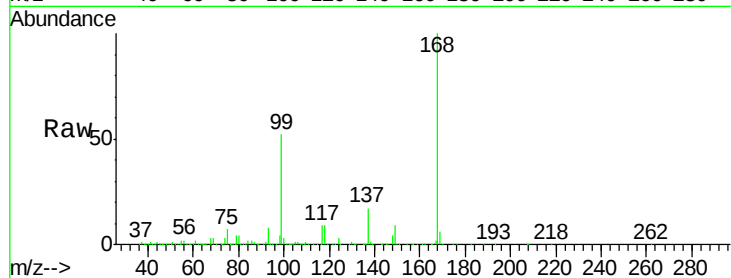
99 51.4 37.8 56.8

Manual Integrations

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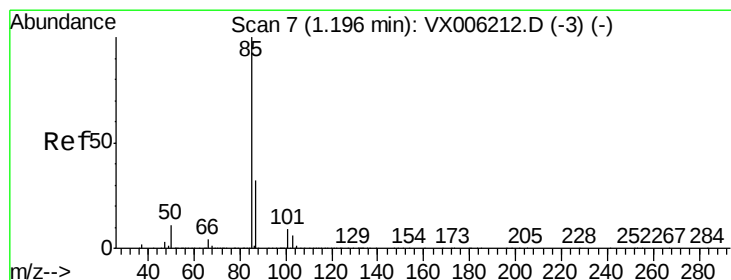
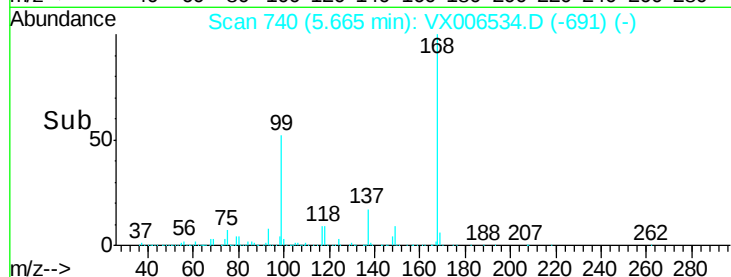
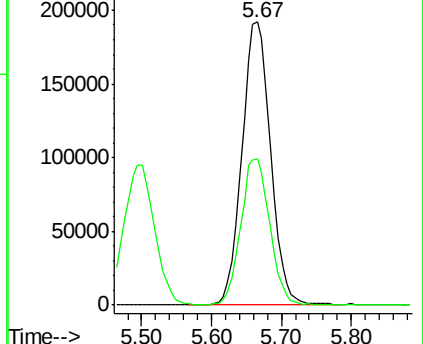
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.626 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006534.D

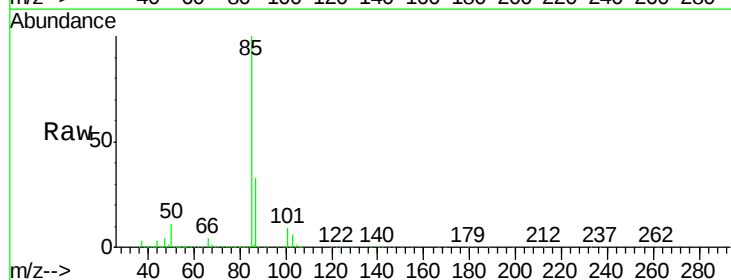
Acq: 14 Dec 2018 22:45

Tgt Ion: 85 Resp: 259644

Ion Ratio Lower Upper

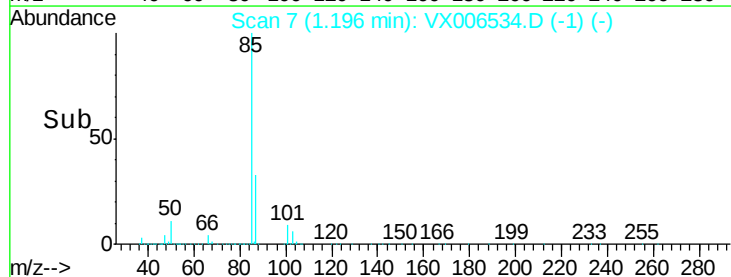
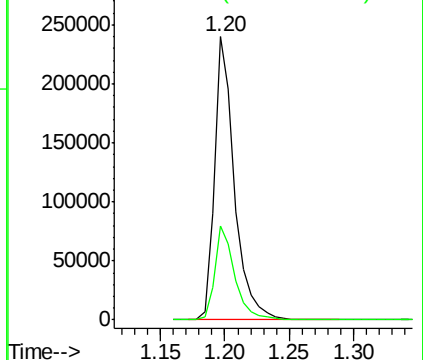
85 100

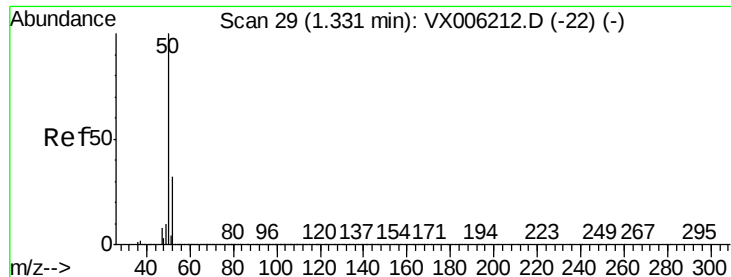
87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.809 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 278797

Ion Ratio Lower Upper

50 100

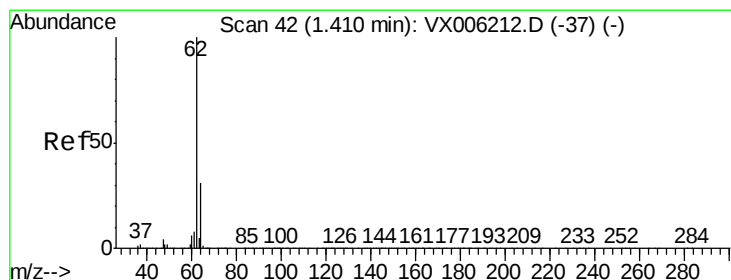
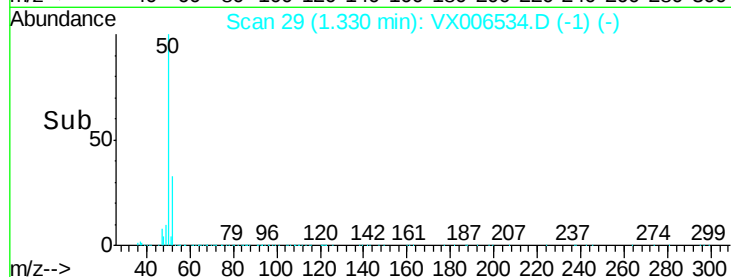
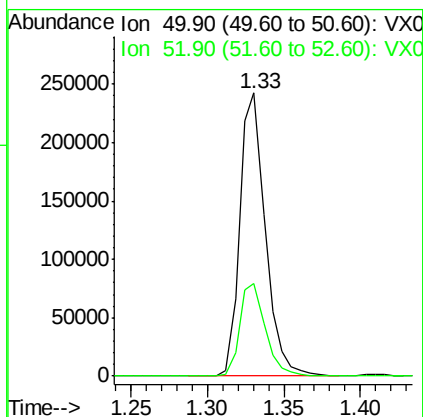
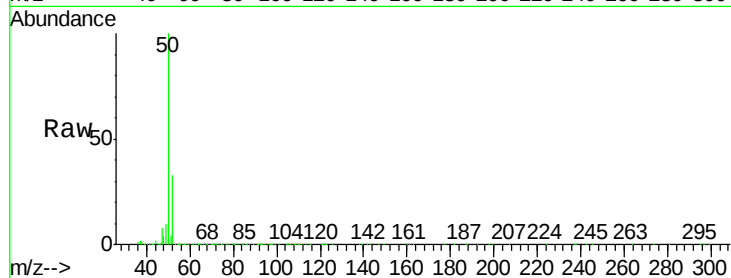
52 32.5 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.644 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006534.D

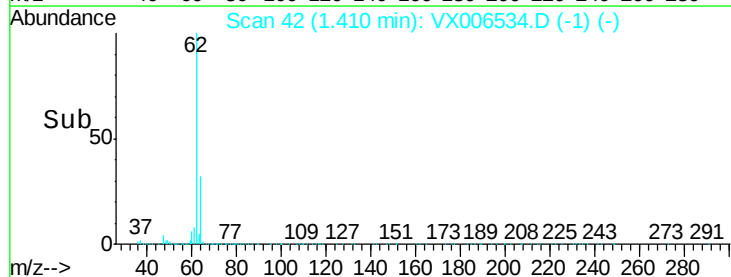
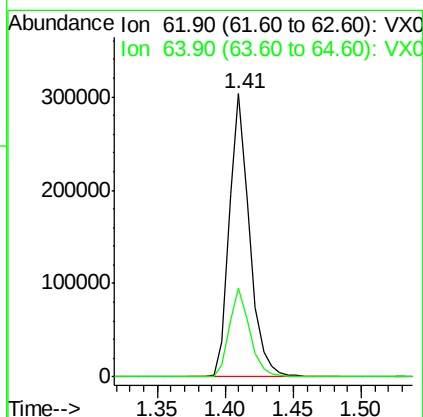
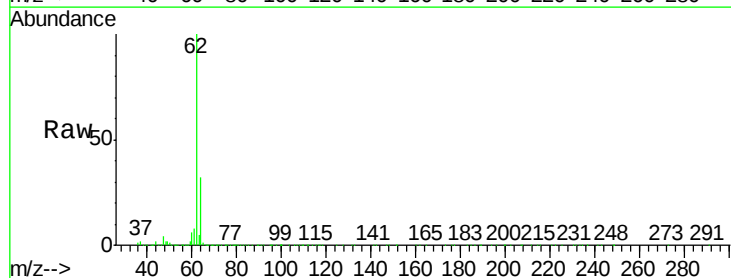
Acq: 14 Dec 2018 22:45

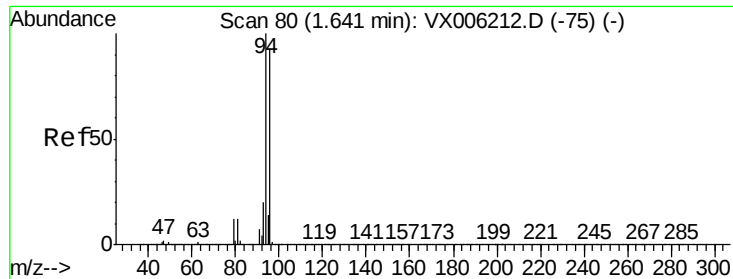
Tgt Ion: 62 Resp: 310895

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 71.811 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 293904

Ion Ratio Lower Upper

94 100

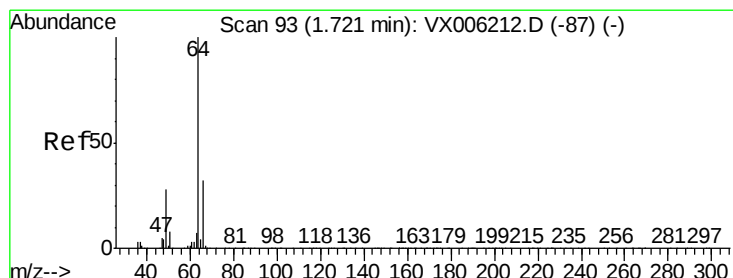
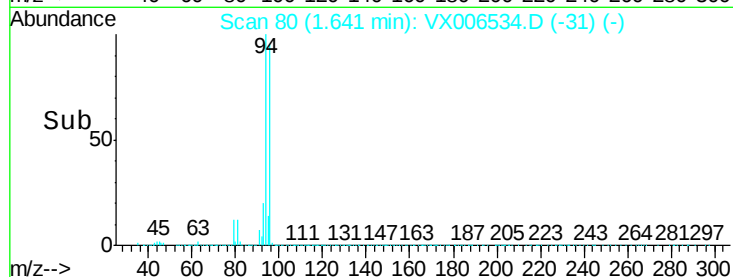
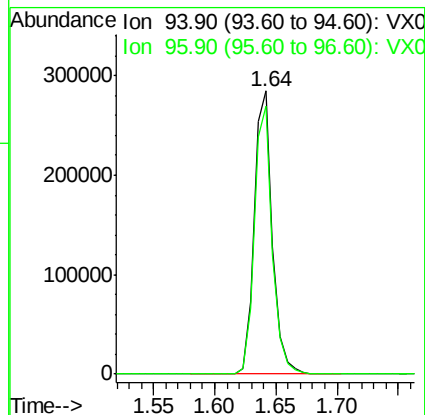
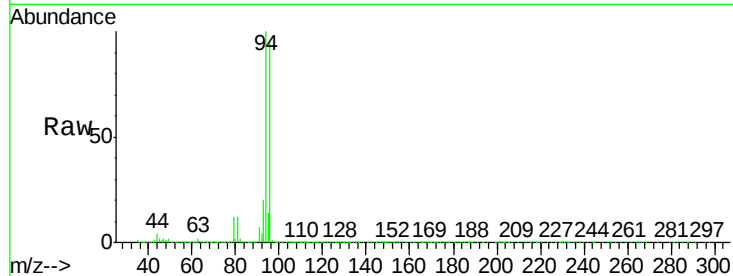
96 94.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.566 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006534.D

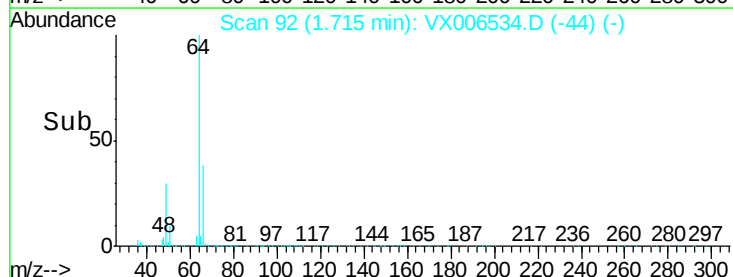
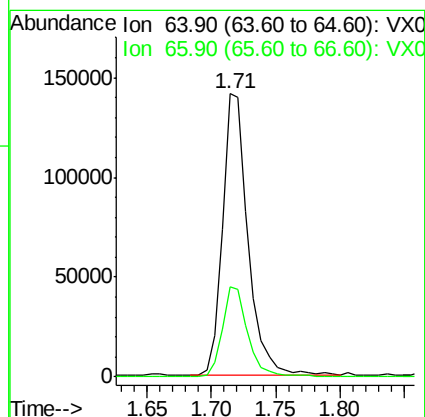
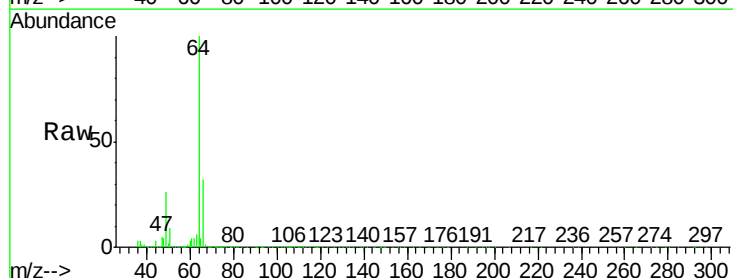
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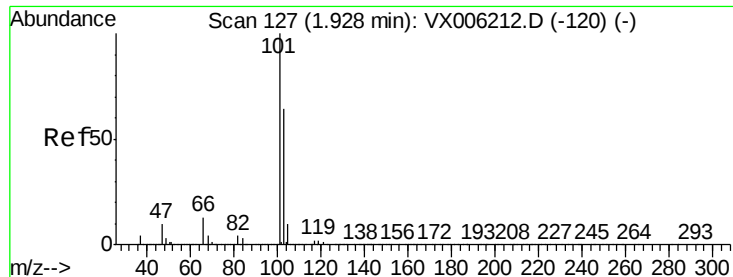
Tgt Ion: 64 Resp: 197580

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9





#7

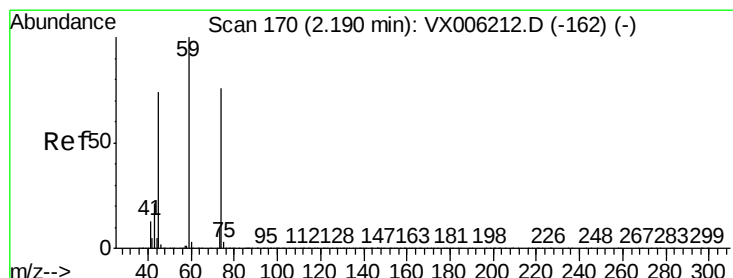
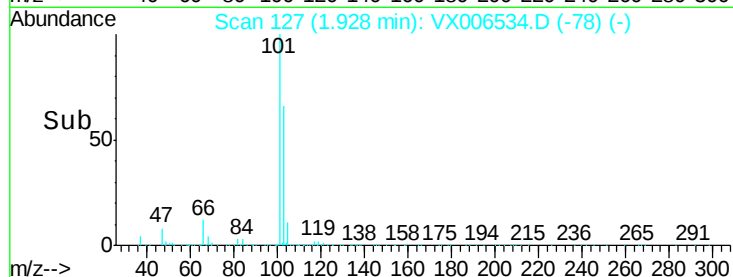
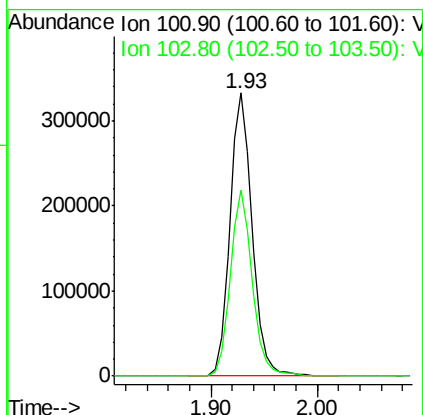
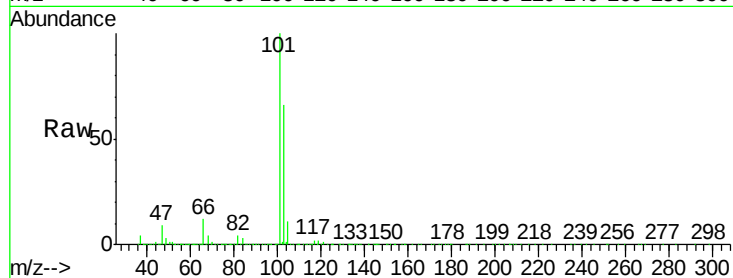
Trichlorofluoromethane
Concen: 53.683 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.0	76.4

Manual Integrations
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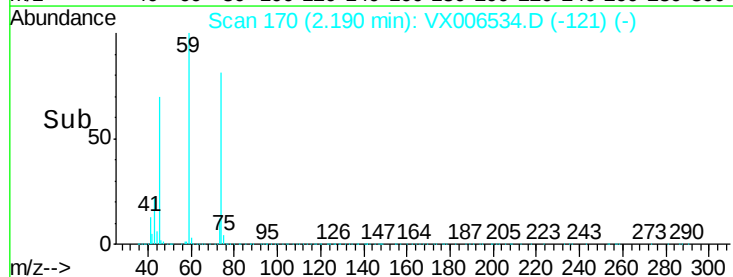
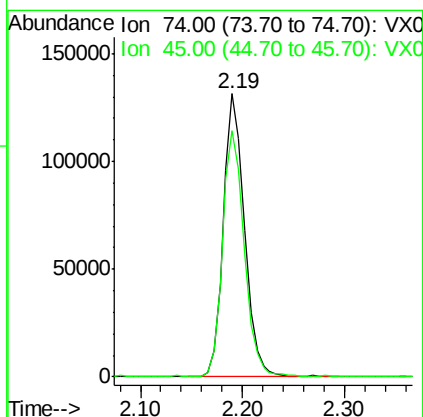
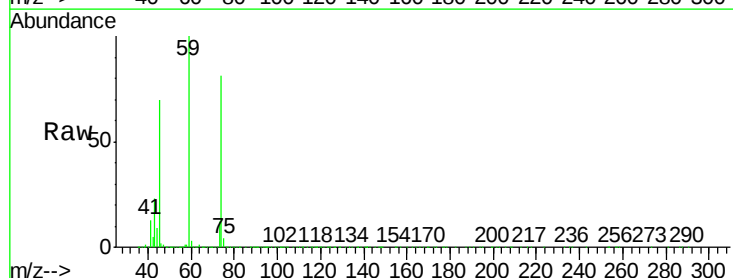
MMDadoda
12/17/2018 12:12:24 PM

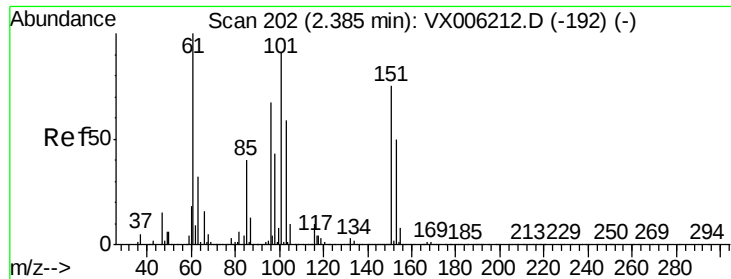


#8

Diethyl Ether
Concen: 55.052 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.5	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.471 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

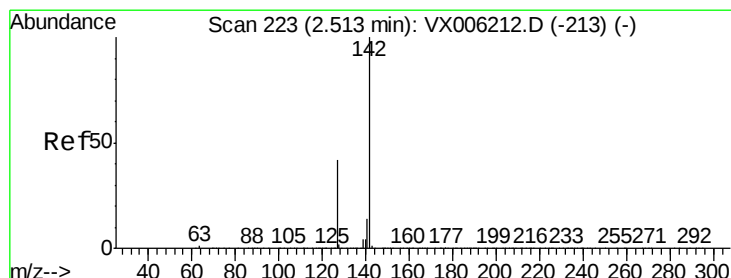
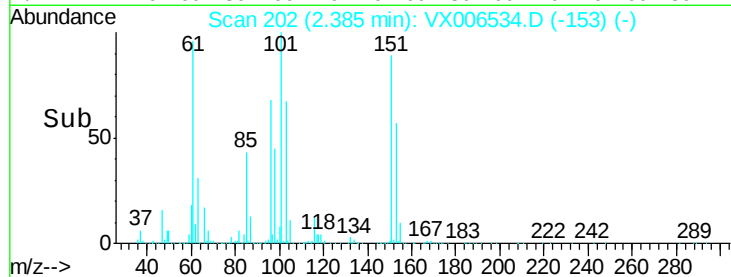
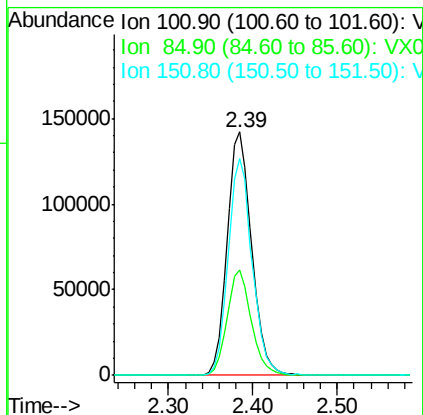
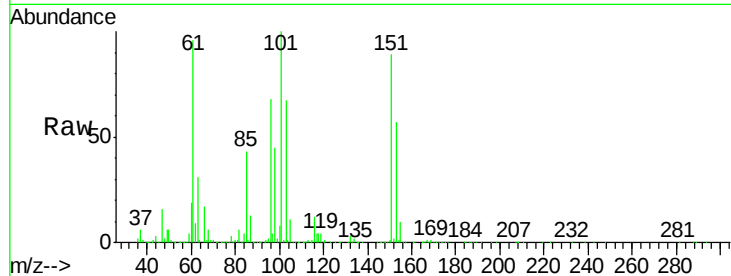
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	280777
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.5	53.3
151	87.3	68.6	103.0

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#10

Methyl Iodide

Concen: 58.833 ug/l

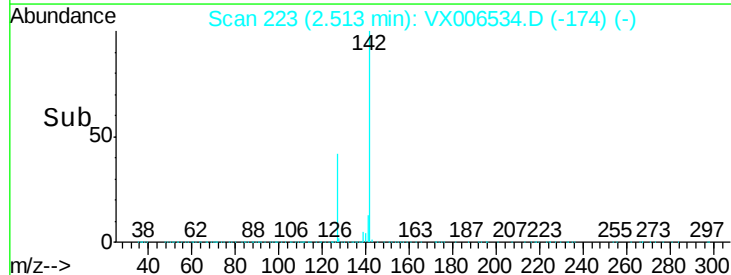
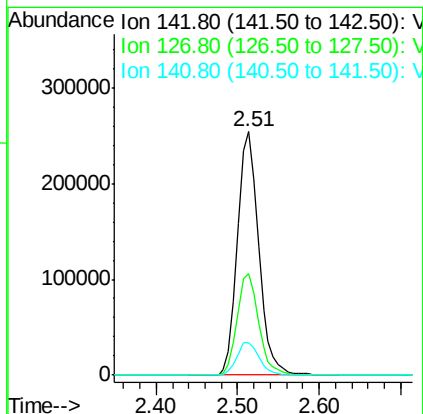
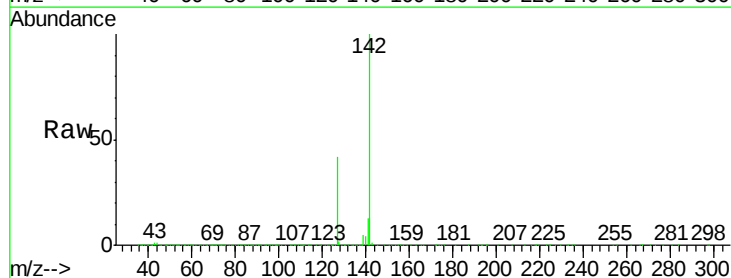
RT: 2.51 min Scan# 223

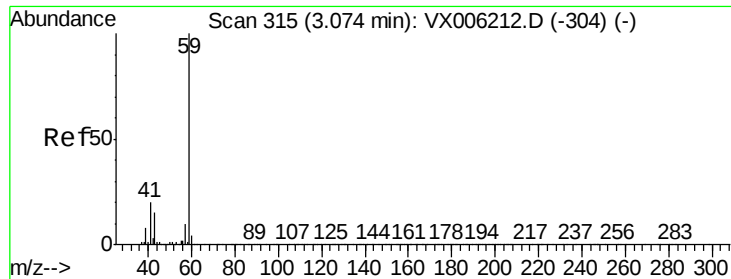
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	142	Resp:	457028
Ion Ratio	Lower	Upper	
142	100		
127	42.1	34.8	52.2
141	14.2	11.4	17.2





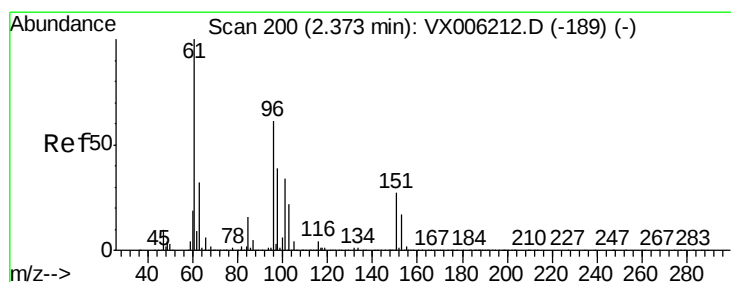
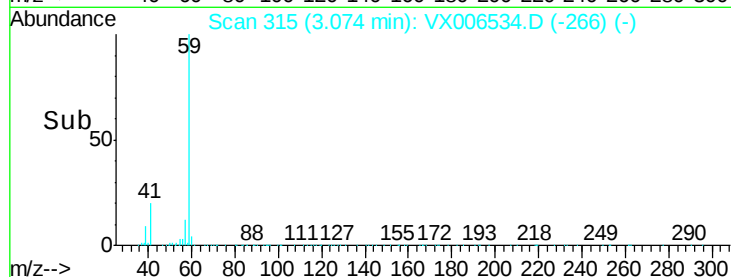
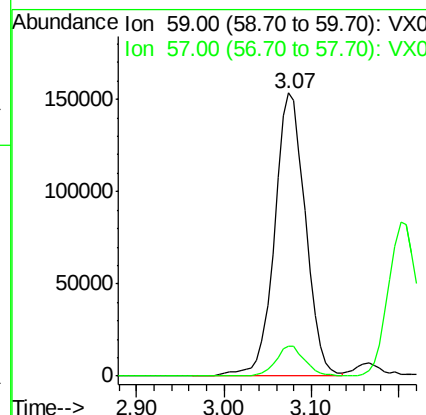
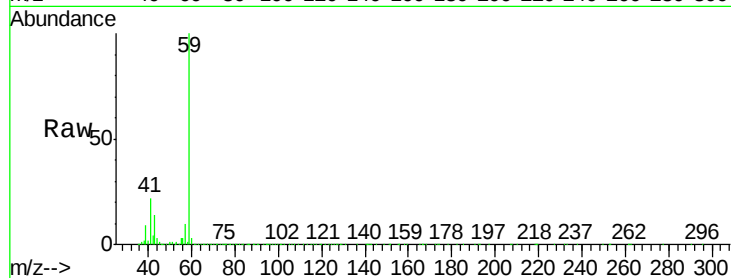
#11
Tert butyl alcohol
Concen: 247.678 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 377077
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

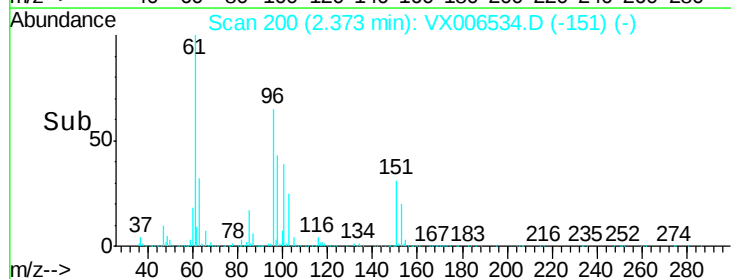
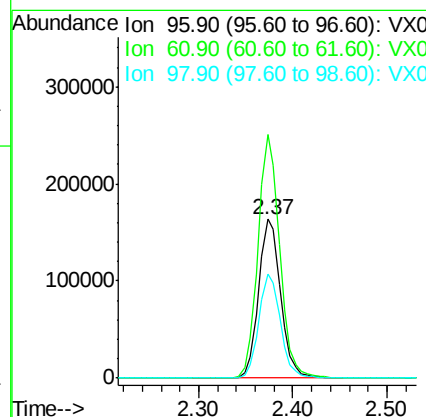
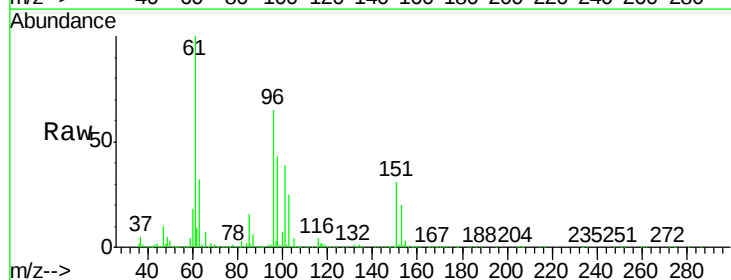
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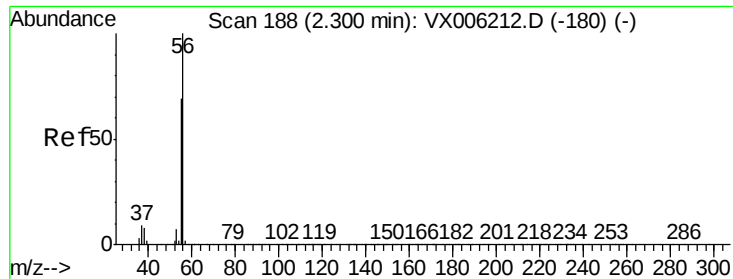
MMDadoda
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#12
1,1-Dichloroethene
Concen: 54.216 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 96 Resp: 267531
Ion Ratio Lower Upper
96 100
61 153.4 131.7 197.5
98 65.6 51.8 77.6





#13

Acrolein

Concen: 255.401 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 212523

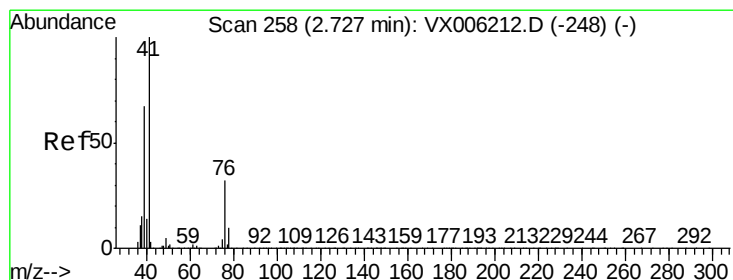
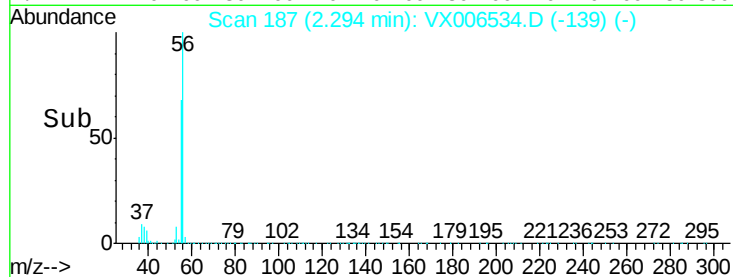
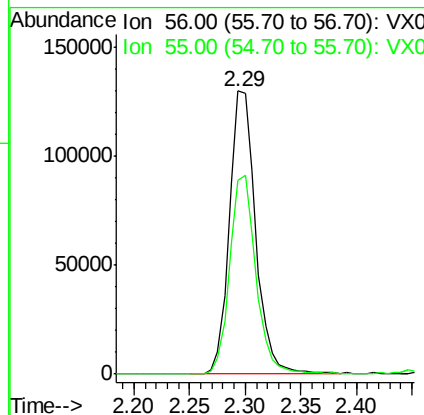
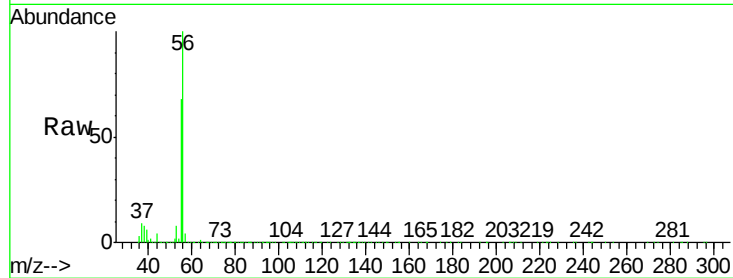
Ion Ratio Lower Upper

56 100

55 69.1 57.8 86.6

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#14

Allyl chloride

Concen: 45.949 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

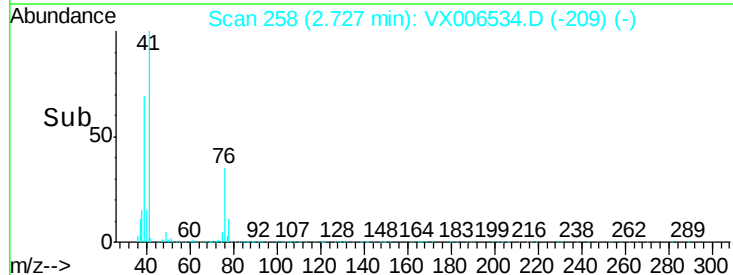
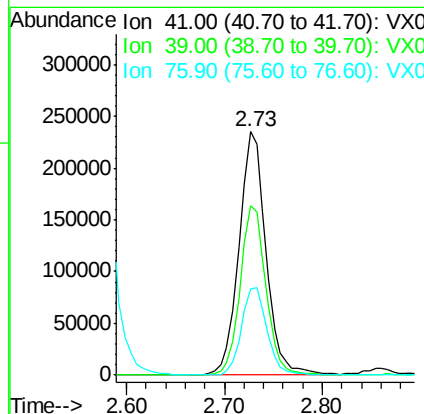
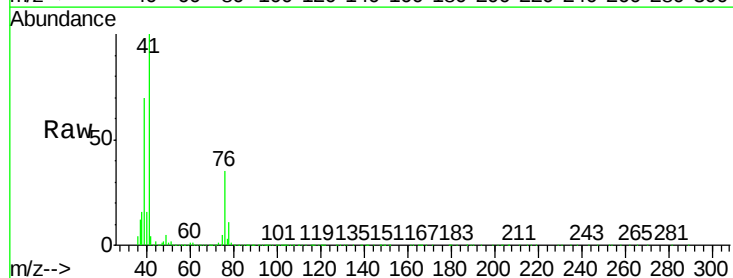
Tgt Ion: 41 Resp: 447892

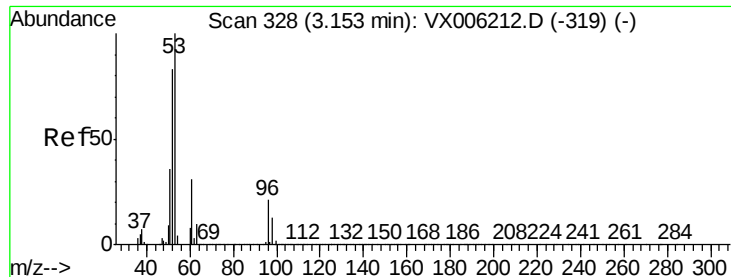
Ion Ratio Lower Upper

41 100

39 66.2 52.4 78.6

76 34.2 25.4 38.0





#15

Acrylonitrile

Concen: 262.929 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

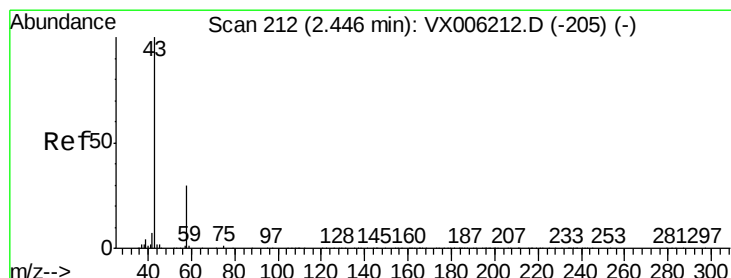
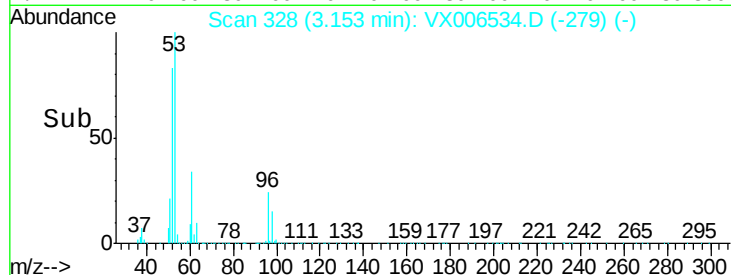
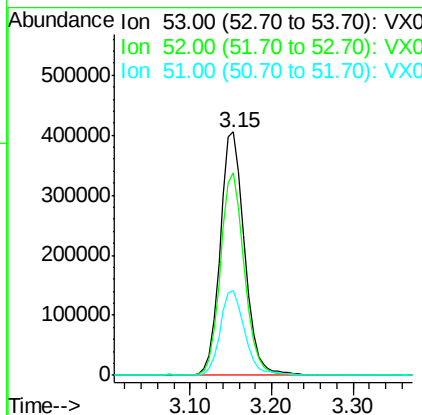
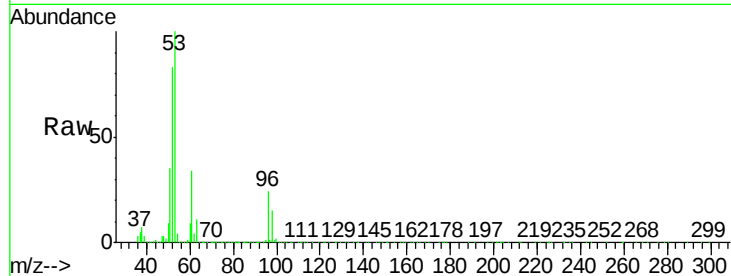
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	835323
Ion Ratio		Lower	Upper
53	100		
52	81.7	66.2	99.4
51	35.3	28.7	43.1

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#16

Acetone

Concen: 258.639 ug/l

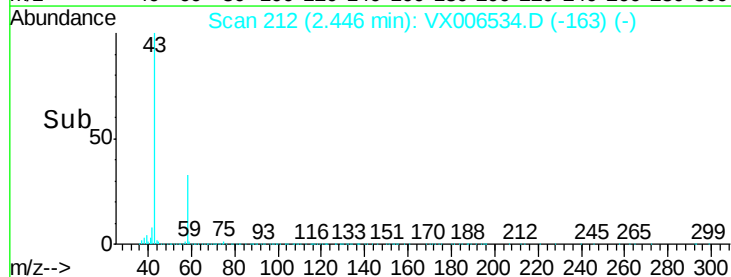
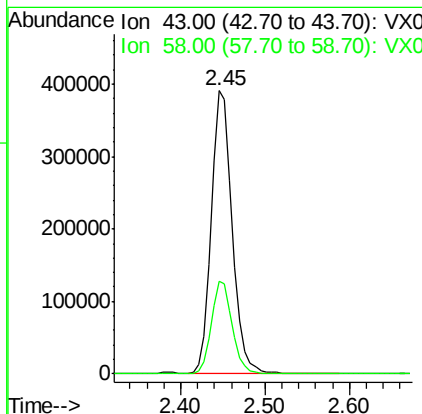
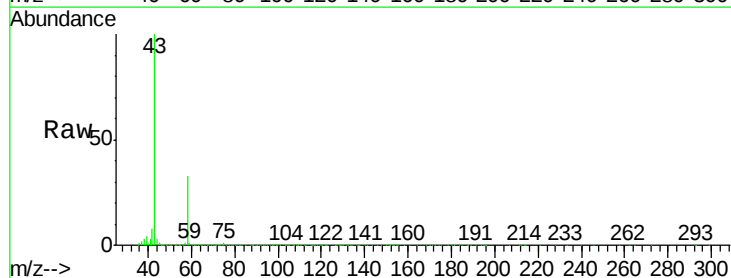
RT: 2.45 min Scan# 212

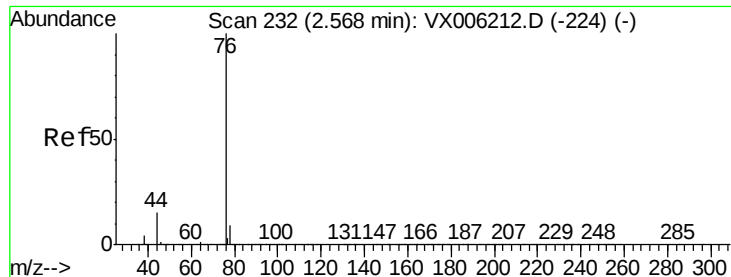
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	43	Resp:	675709
Ion Ratio		Lower	Upper
43	100		
58	32.6	24.0	36.0





#17

Carbon Disulfide

Concen: 44.755 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

Instrument :

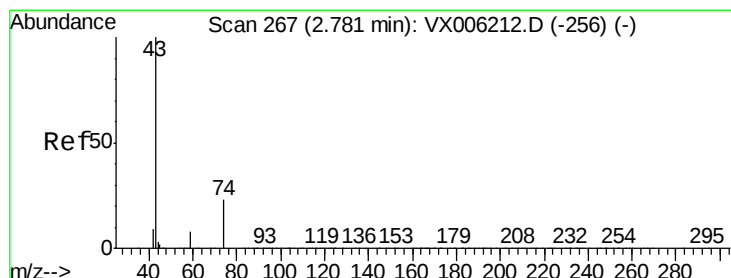
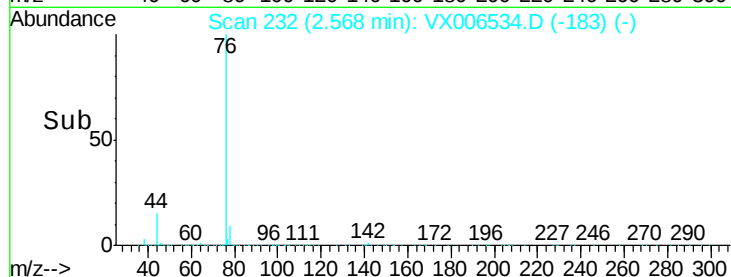
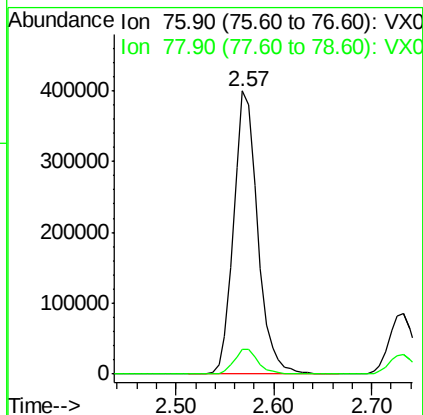
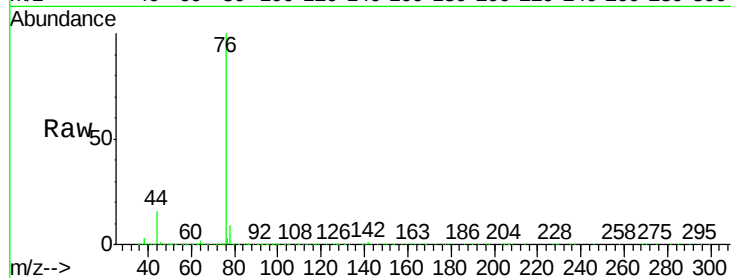
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#18

Methyl Acetate

Concen: 52.117 ug/l

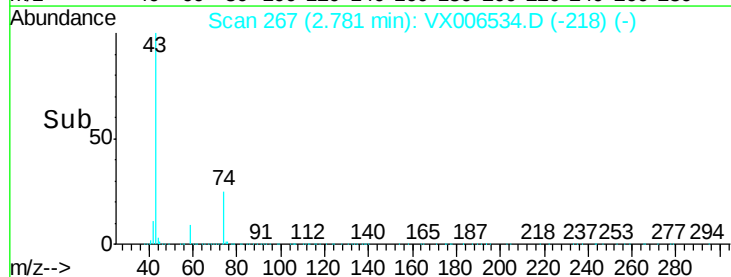
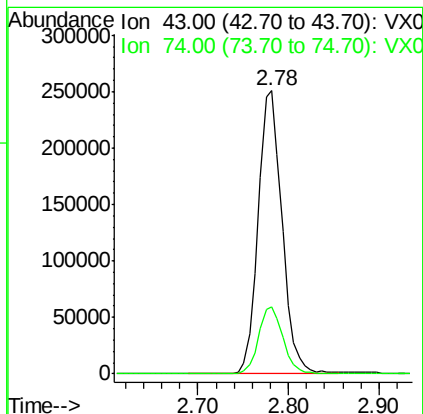
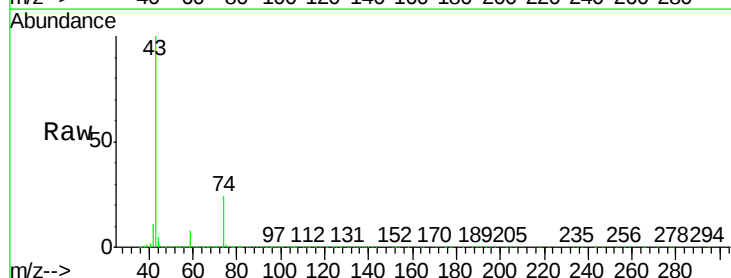
RT: 2.78 min Scan# 267

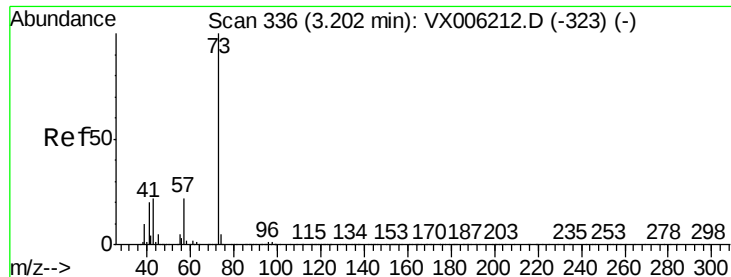
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.9	26.9





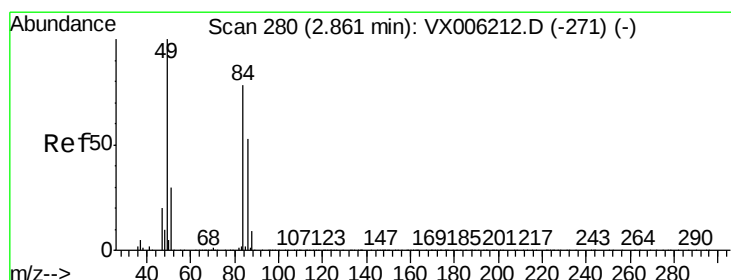
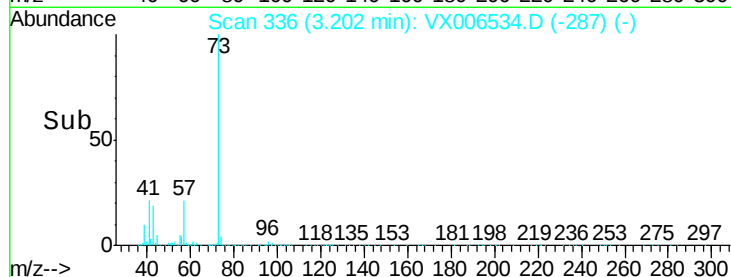
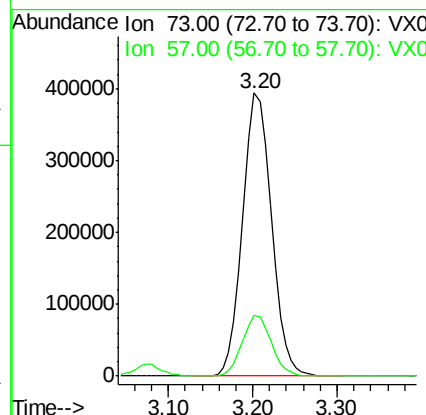
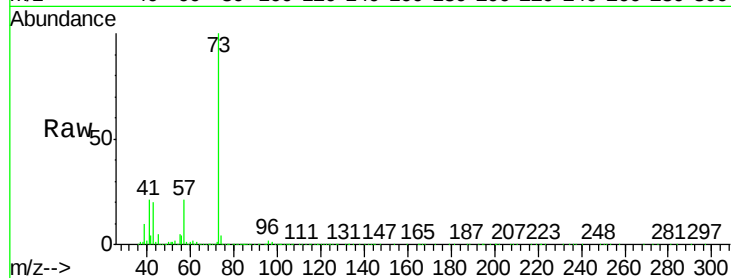
#19
Methyl tert-butyl Ether
Concen: 52.056 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.5	26.3

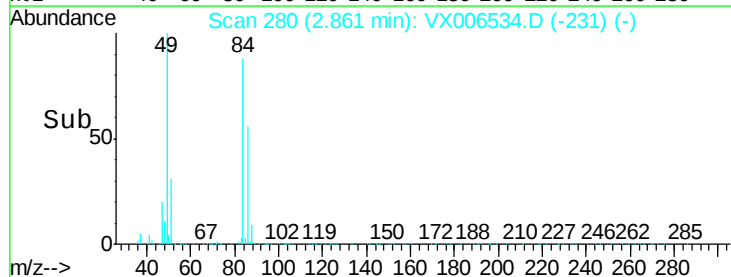
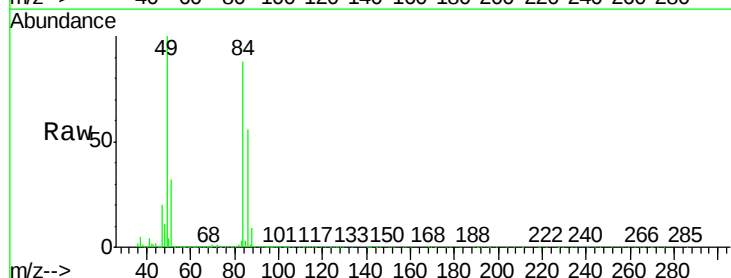
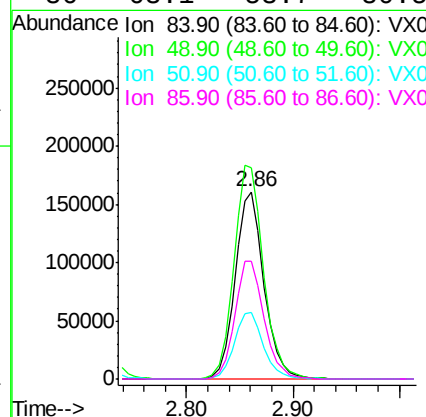
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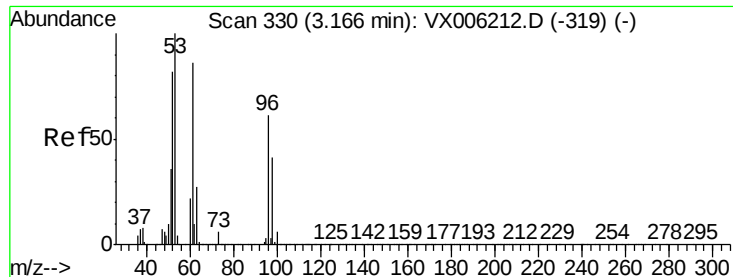
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#20
Methylene Chloride
Concen: 54.651 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.0	102.2	153.4
51	35.7	31.1	46.7
86	63.1	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 54.696 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

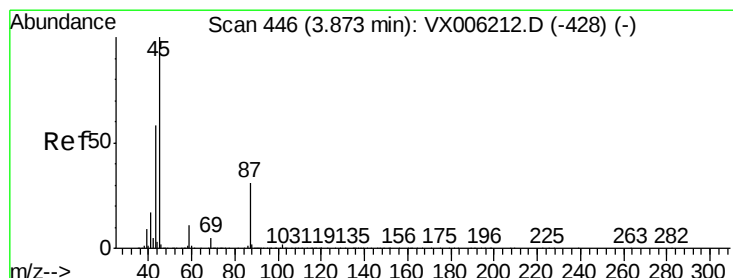
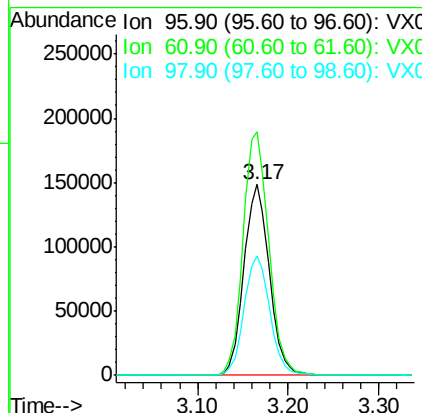
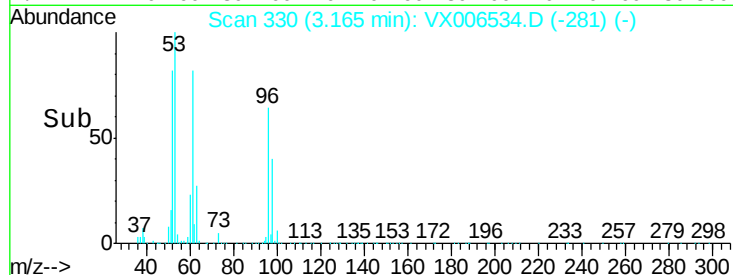
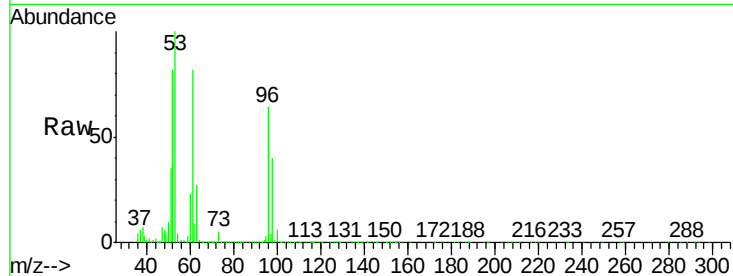
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	287621
Ion Ratio	Lower	Upper	
96	100		
61	127.5	113.3	169.9
98	62.3	53.2	79.8

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#22

Diisopropyl ether

Concen: 55.136 ug/l

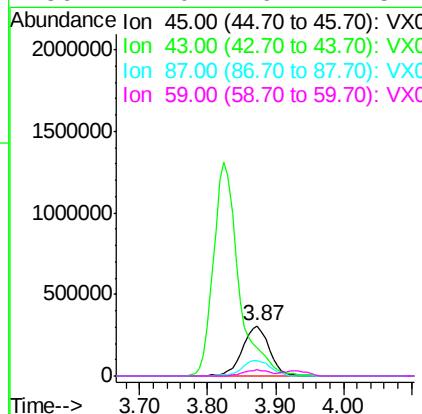
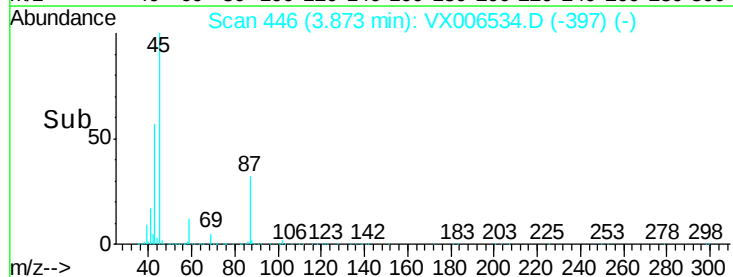
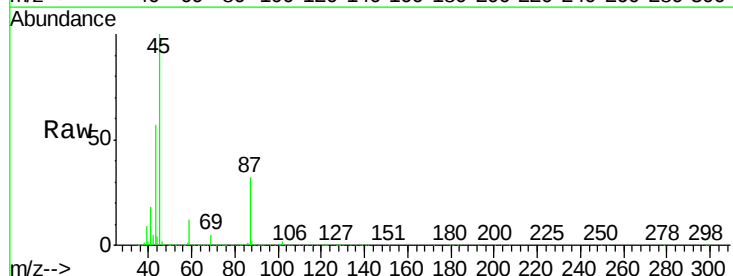
RT: 3.87 min Scan# 446

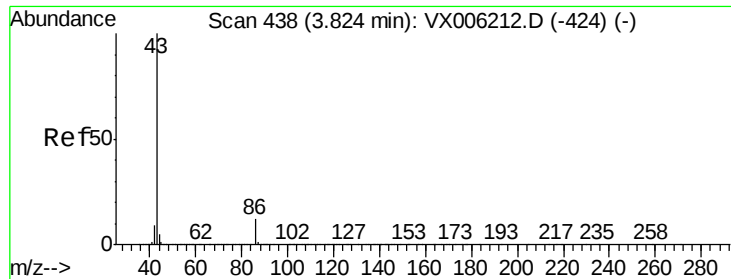
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	45	Resp:	839467
Ion Ratio	Lower	Upper	
45	100		
43	56.2	46.2	69.2
87	31.7	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 261.491 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3395726

Ion Ratio Lower Upper

43 100

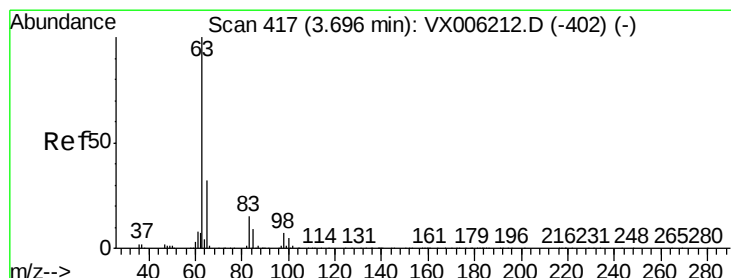
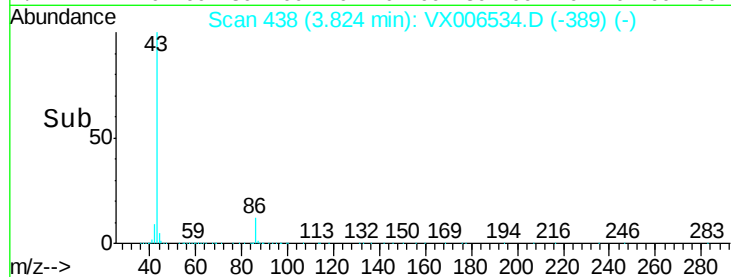
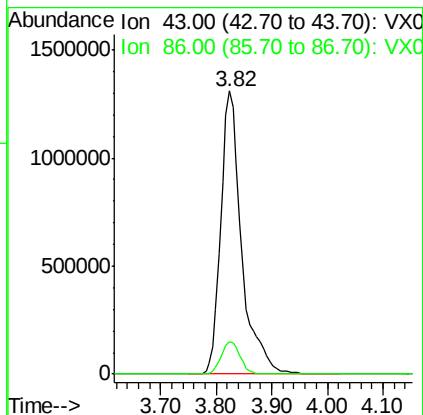
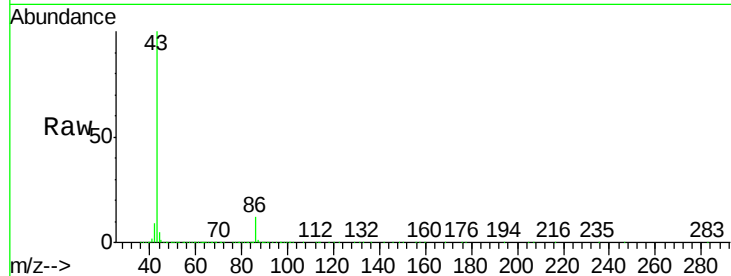
86 11.6 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 55.199 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

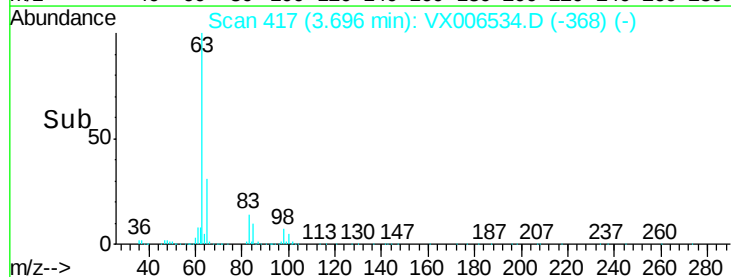
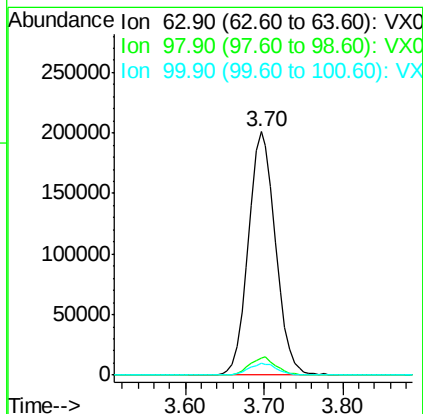
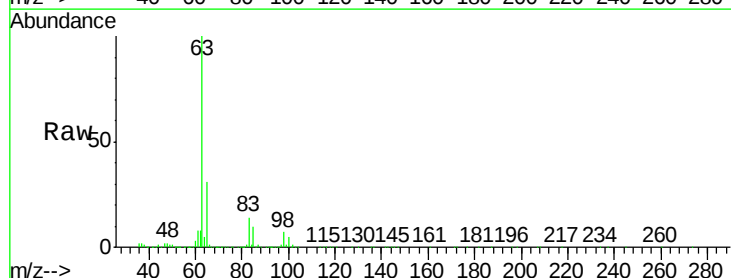
Tgt Ion: 63 Resp: 480370

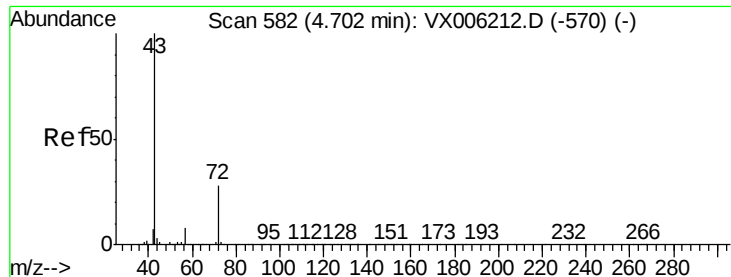
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 272.617 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1016246

Ion Ratio Lower Upper

43 100

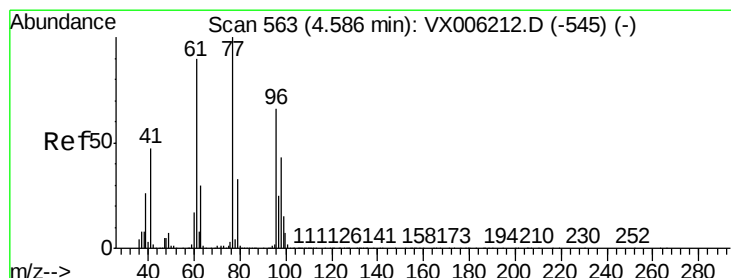
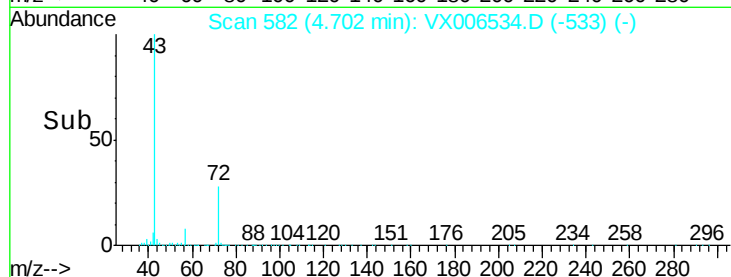
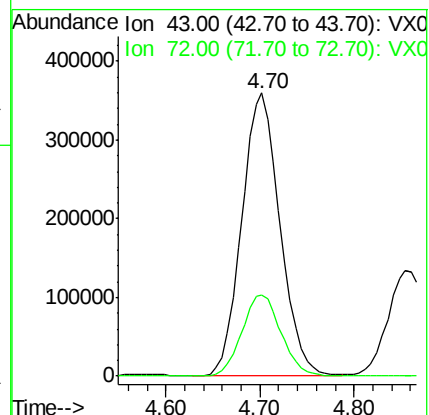
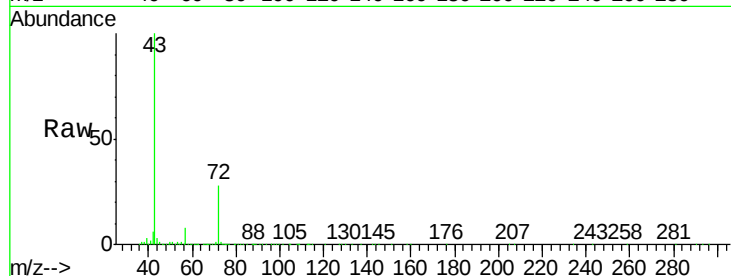
72 28.4 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 42.364 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006534.D

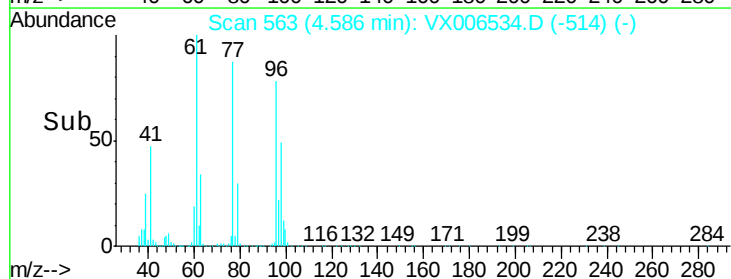
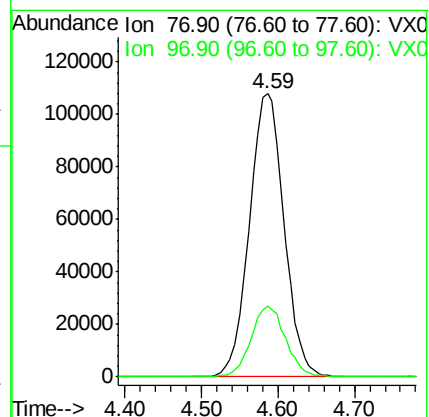
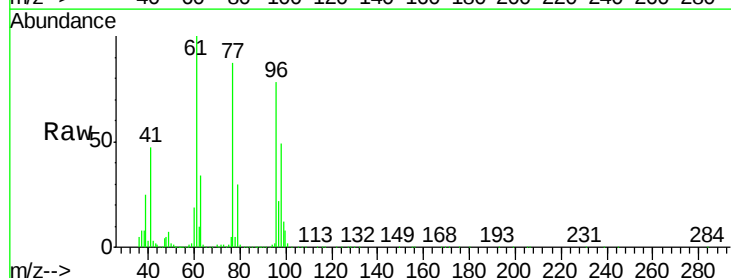
Acq: 14 Dec 2018 22:45

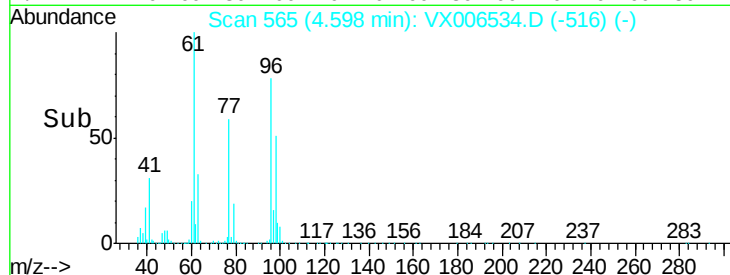
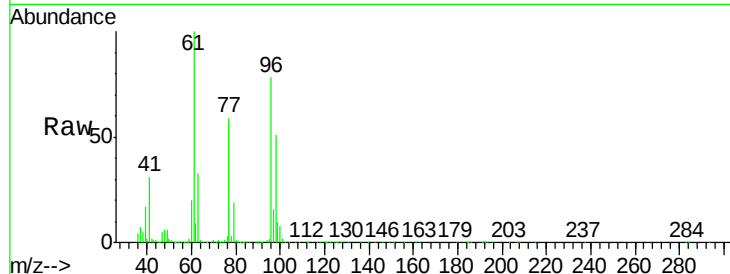
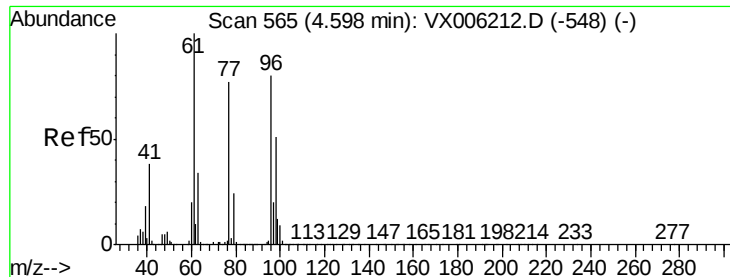
Tgt Ion: 77 Resp: 340242

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8





#27

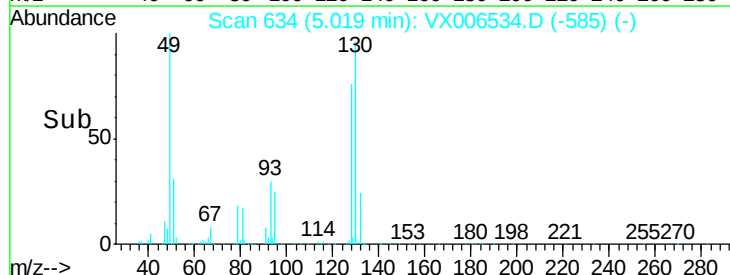
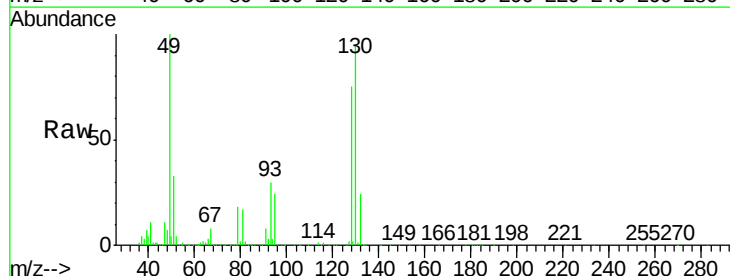
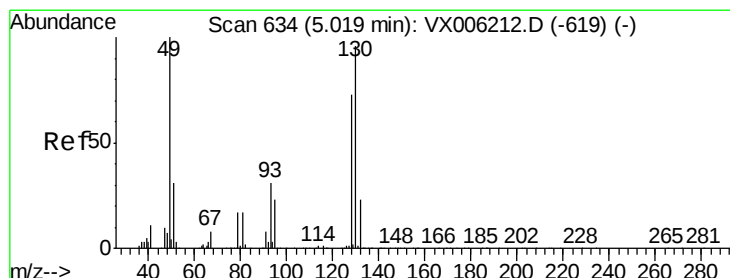
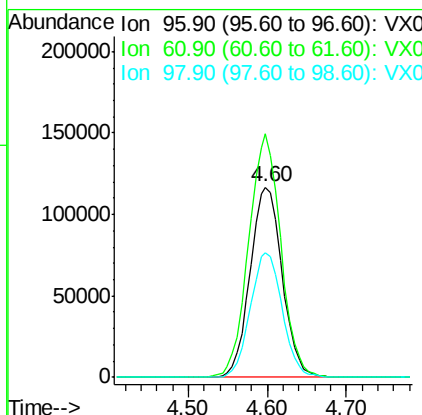
cis-1,2-Dichloroethene
Concen: 56.243 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	329902		
61	128.0	0.0	265.0	
98	65.3	0.0	130.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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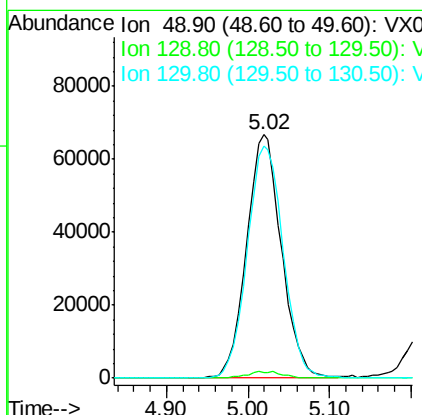
MMDadoda
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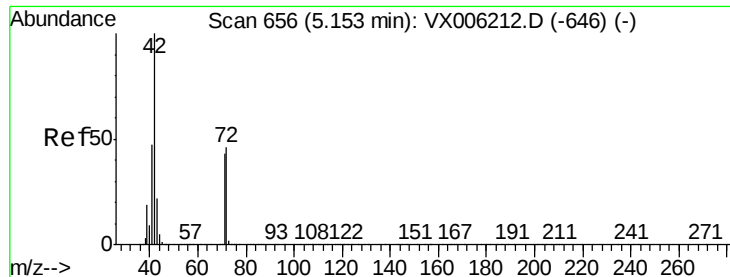


#28

Bromochloromethane
Concen: 52.288 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	198758		
129	2.8	0.0	5.0	
130	98.4	78.3	117.5	





#29

Tetrahydrofuran

Concen: 265.964 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

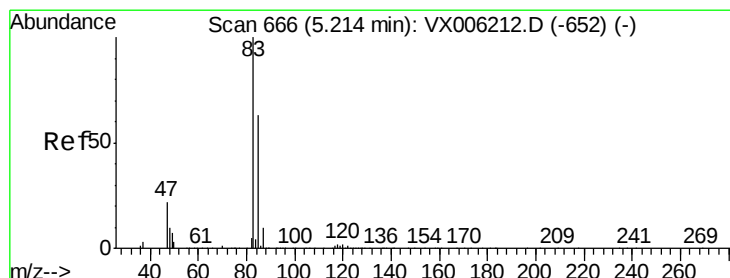
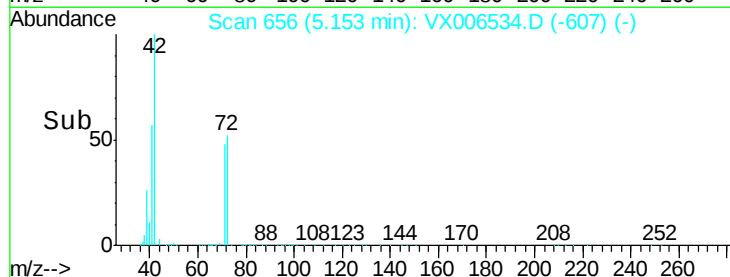
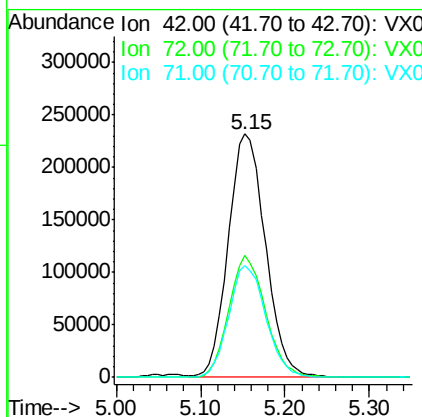
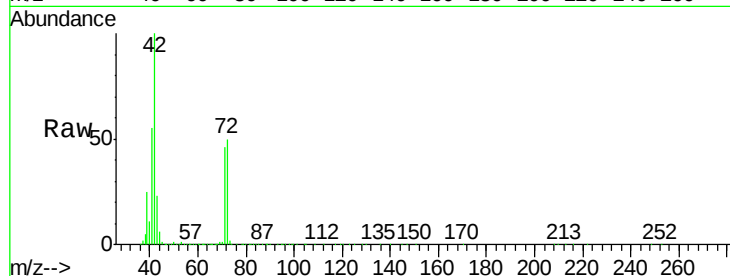
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	42	Resp:	689055
Ion Ratio		Lower	Upper
42	100		
72	49.9	37.8	56.8
71	46.1	35.2	52.8

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#30

Chloroform

Concen: 57.159 ug/l

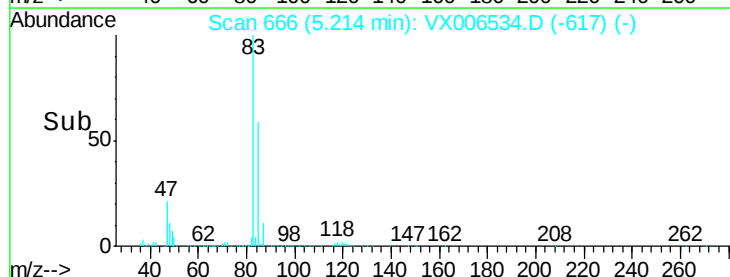
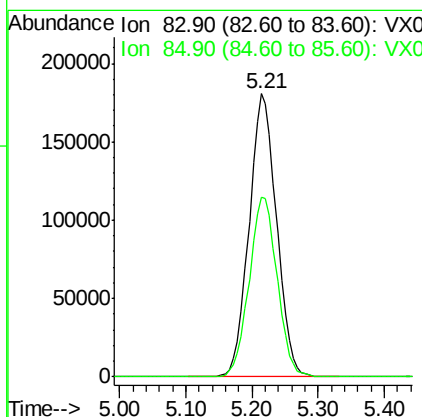
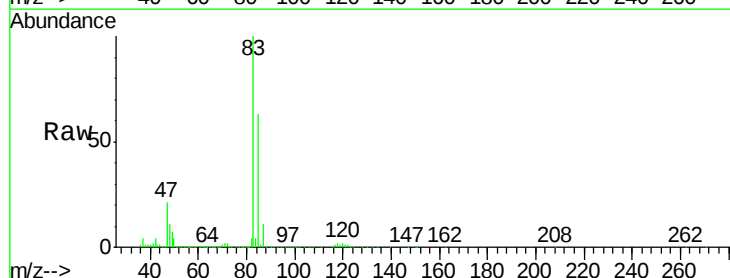
RT: 5.21 min Scan# 666

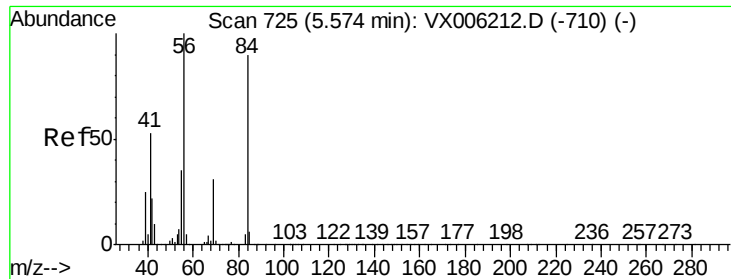
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	83	Resp:	522732
Ion Ratio		Lower	Upper
83	100		
85	63.3	50.3	75.5





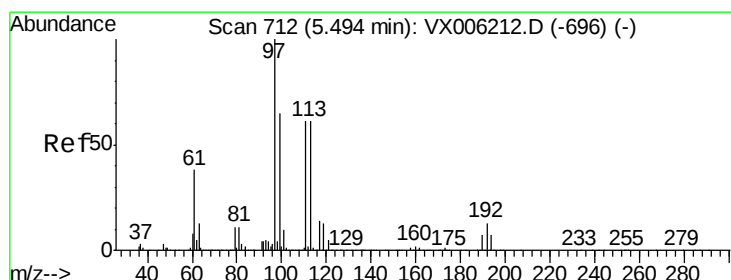
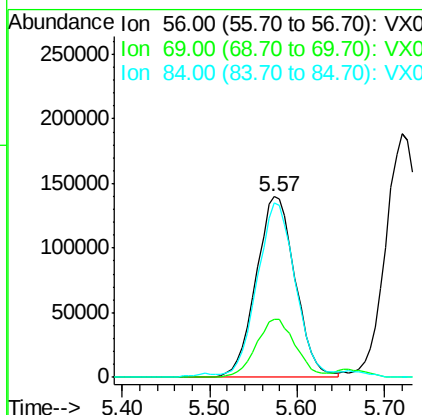
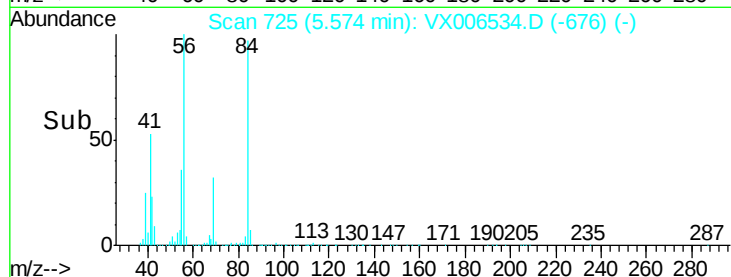
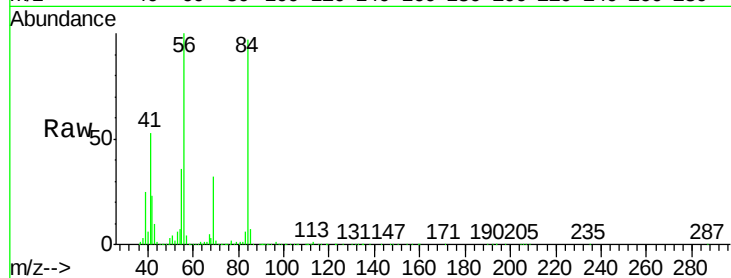
#31
Cyclohexane
Concen: 54.274 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.5	36.7
84	95.5	71.8	107.6

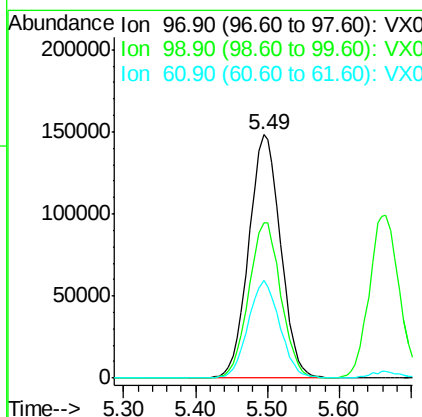
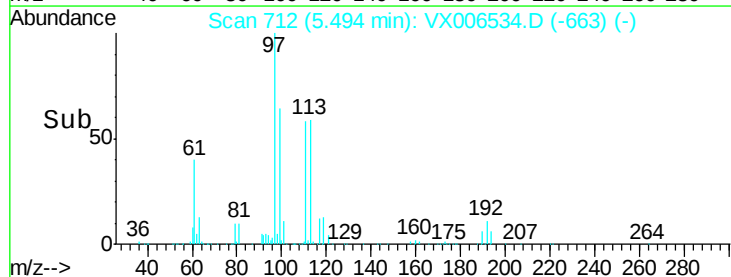
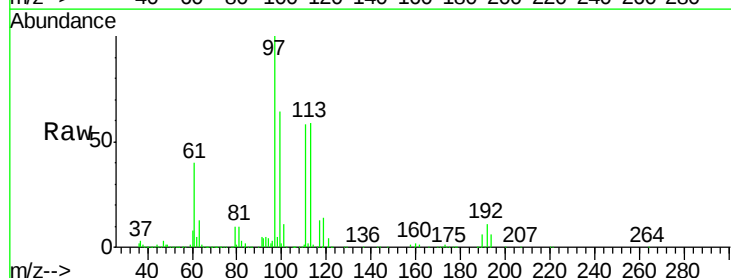
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#32
1,1,1-Trichloroethane
Concen: 52.324 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	39.8	30.6	46.0





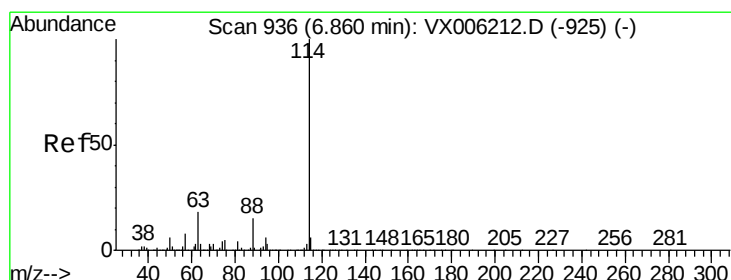
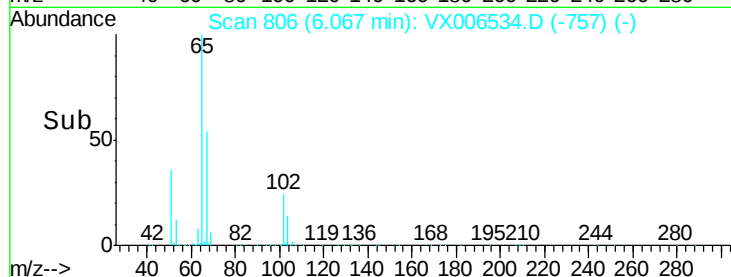
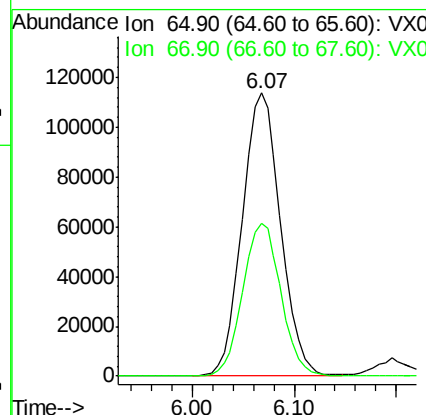
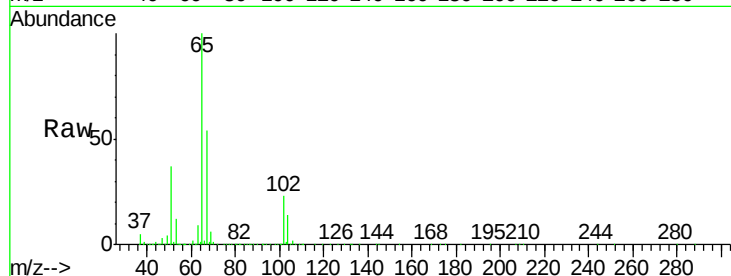
#33
 1,2-Dichloroethane-d4
 Concen: 53.358 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297046		
67	53.8	0.0	107.2	

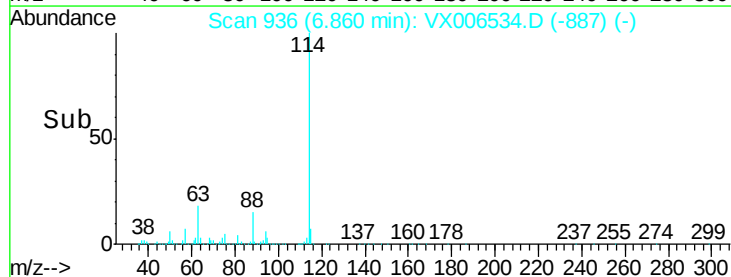
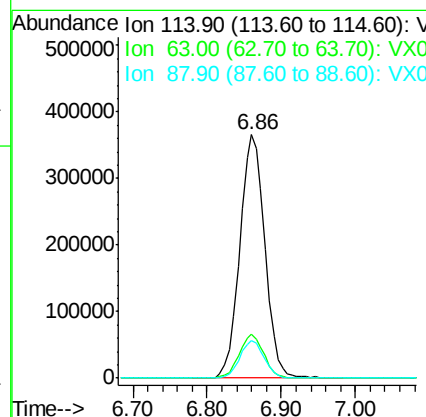
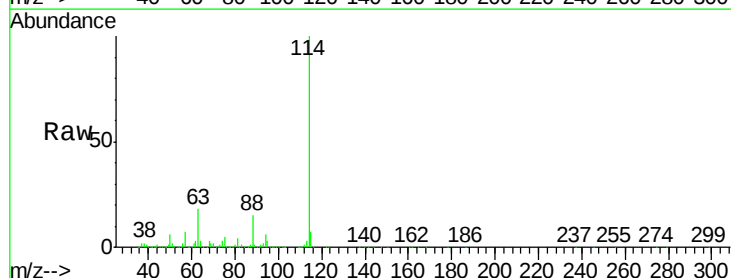
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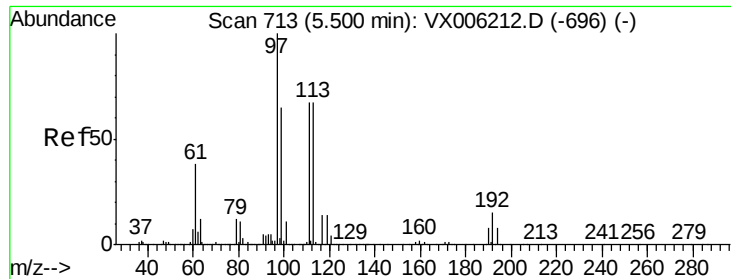
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	860049		
63	18.2	0.0	36.6	
88	15.5	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.271 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

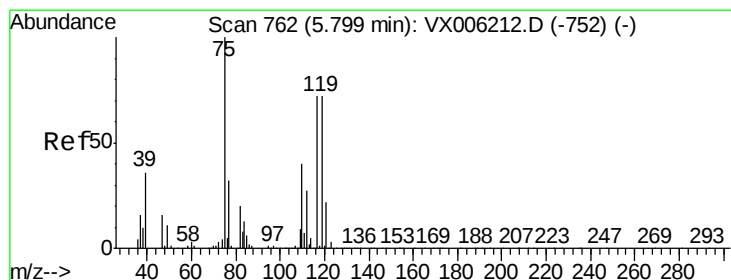
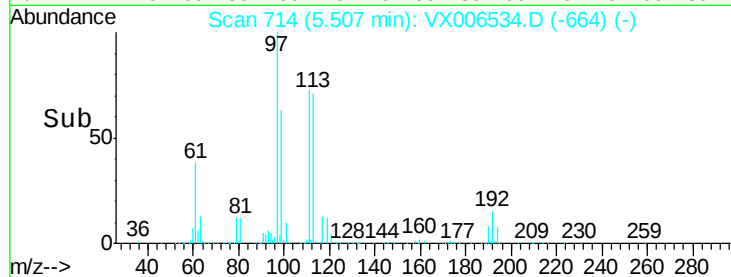
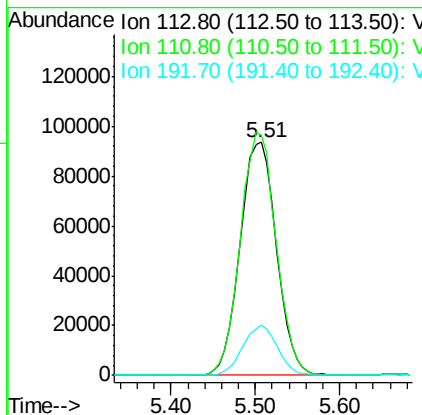
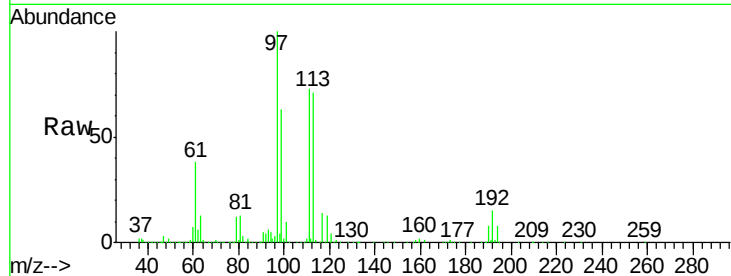
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	274366
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.1	121.7
192	20.7	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.176 ug/l

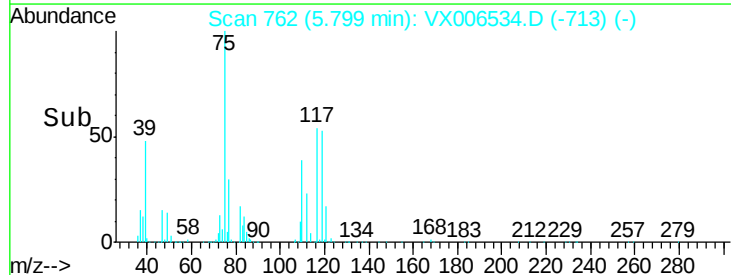
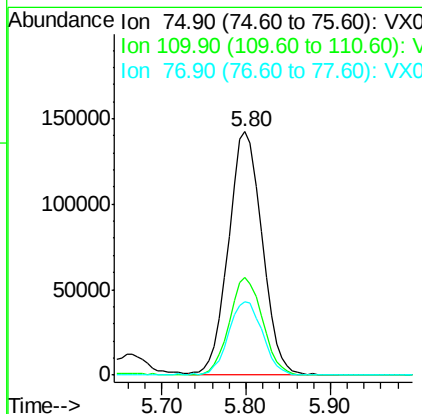
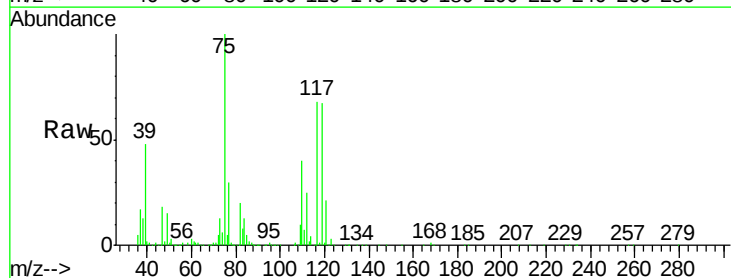
RT: 5.80 min Scan# 762

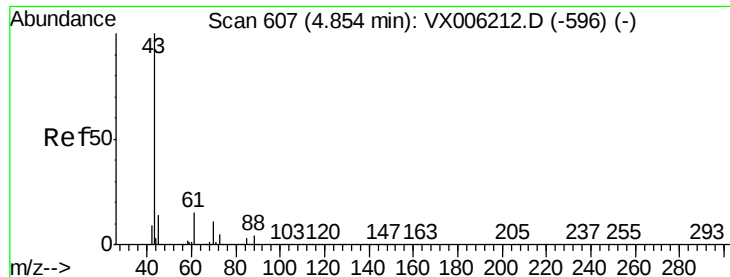
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	75	Resp:	385127
Ion Ratio	Lower	Upper	
75	100		
110	39.7	20.4	61.3
77	30.1	24.9	37.3





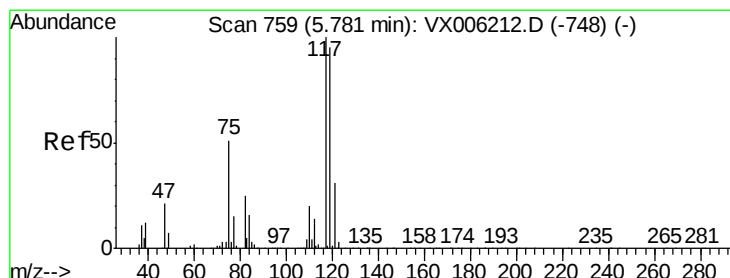
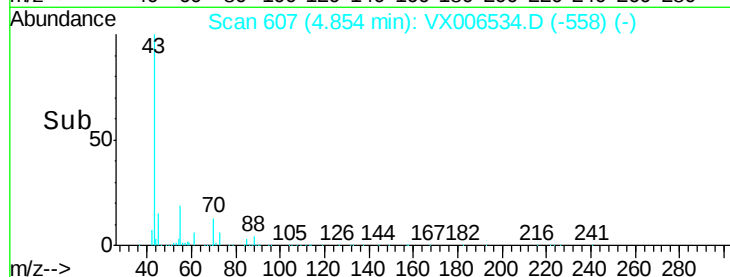
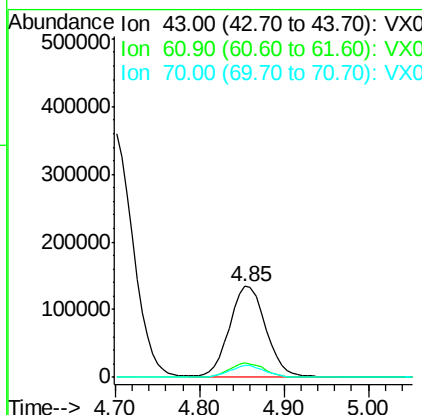
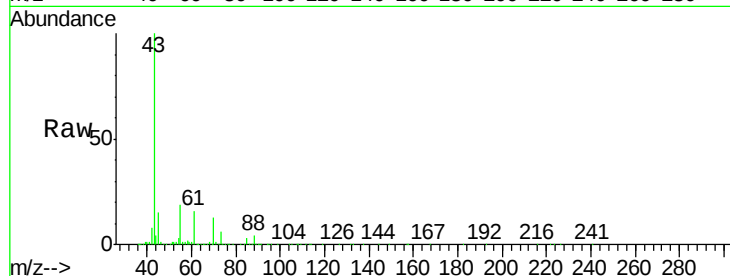
#37
Ethyl Acetate
Concen: 48.507 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.5	17.3
70	12.1	9.0	13.6

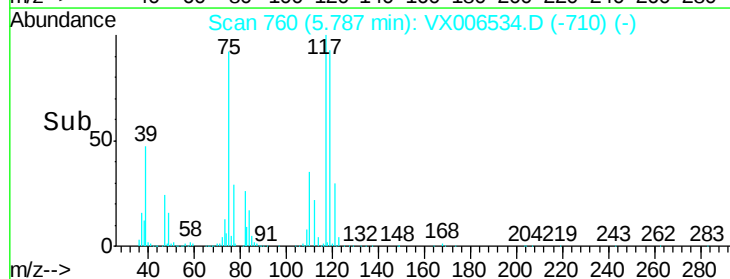
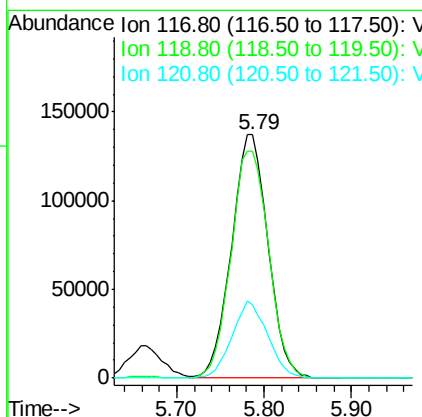
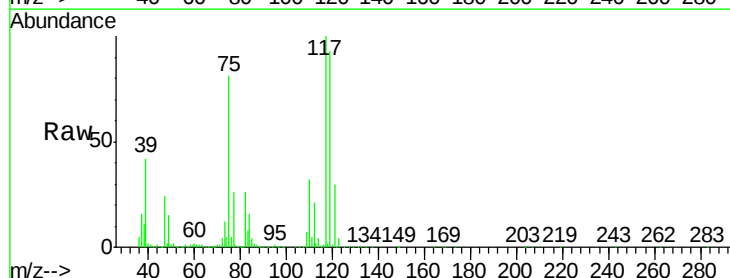
Manual Integrations
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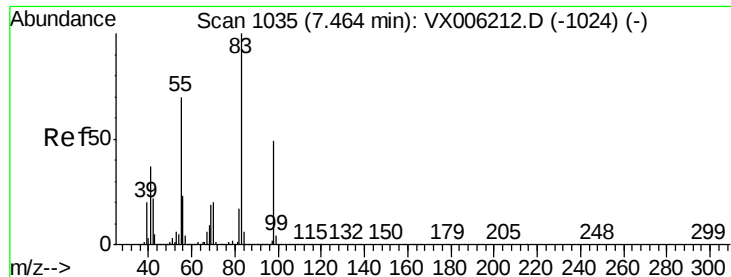
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#38
Carbon Tetrachloride
Concen: 46.657 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.8
121	30.3	24.6	37.0





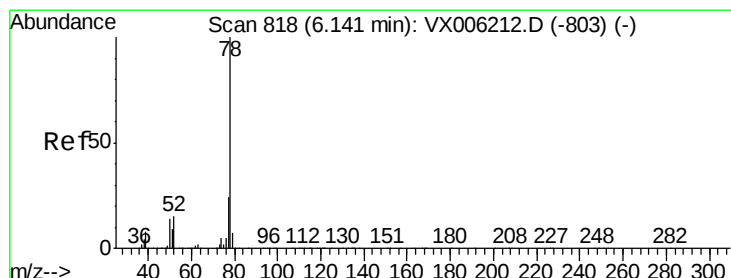
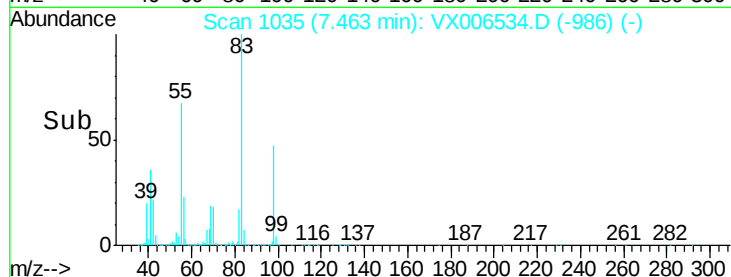
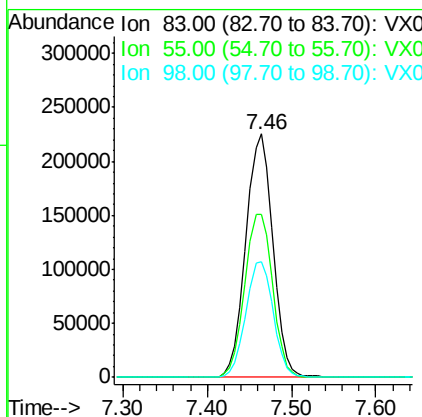
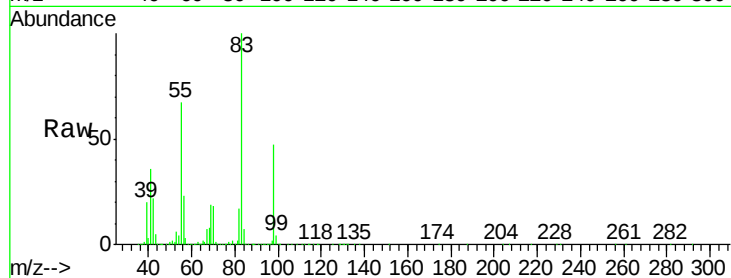
#39
Methylcyclohexane
Concen: 52.134 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.8	56.4	84.6
98	47.2	39.0	58.6

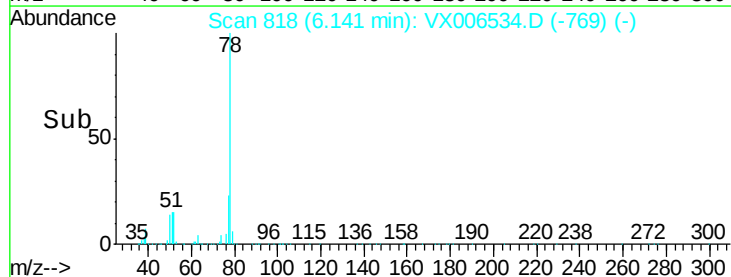
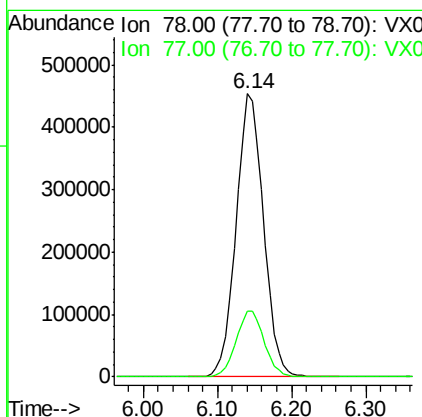
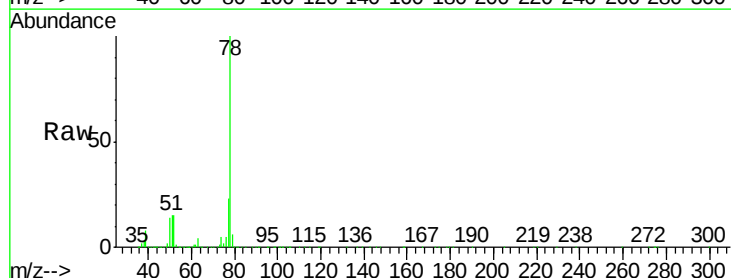
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#40
Benzene
Concen: 54.078 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 49.140 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

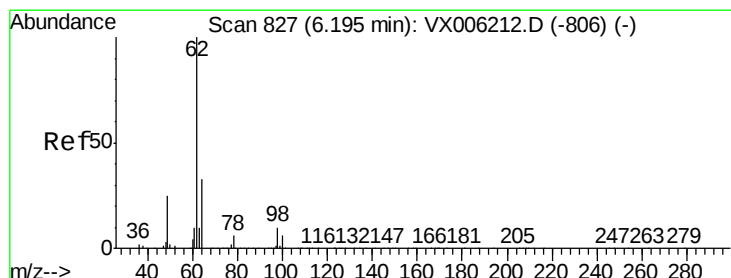
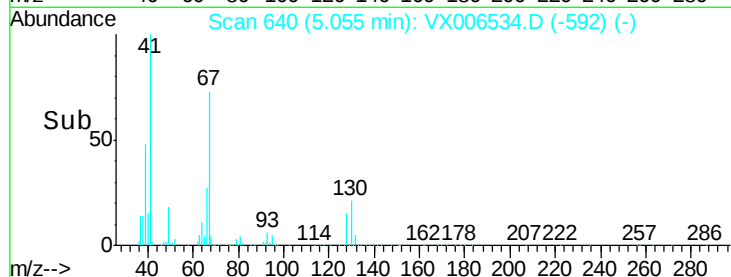
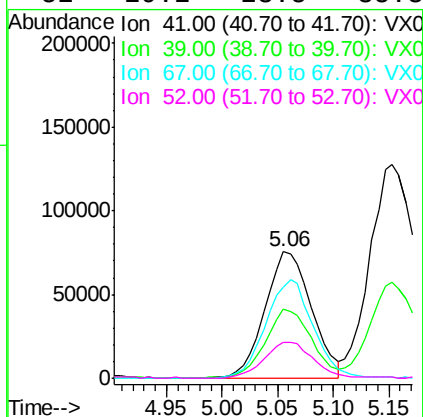
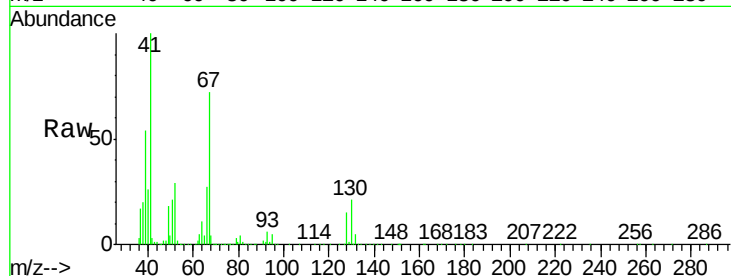
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.0	66.0
67	79.1	61.4	92.0
52	29.2	23.5	35.3

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.109 ug/l

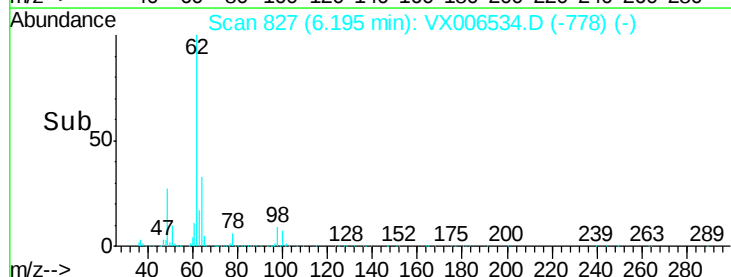
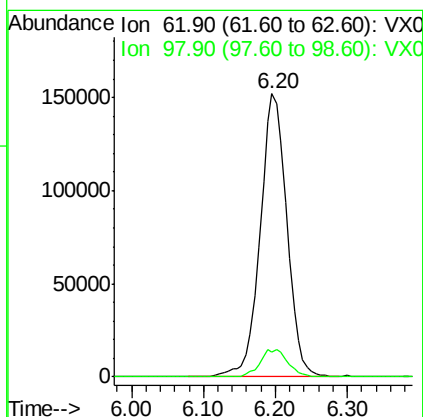
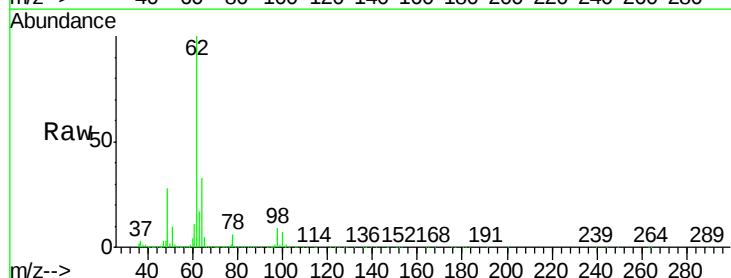
RT: 6.20 min Scan# 827

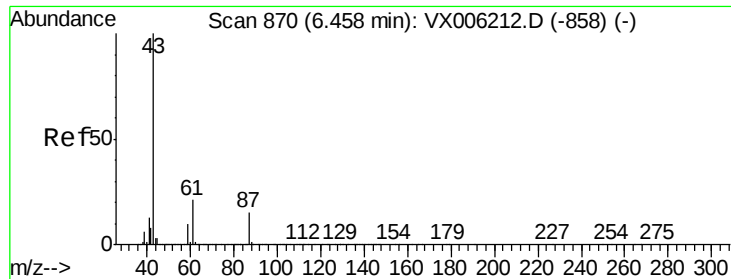
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.313 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

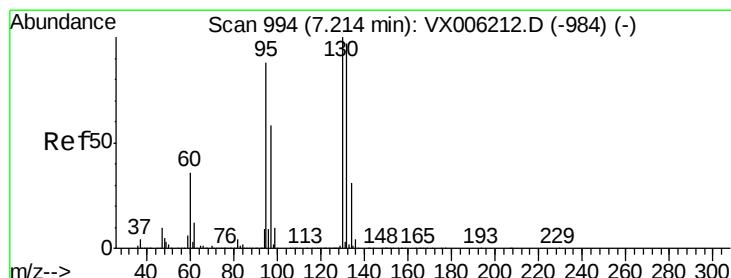
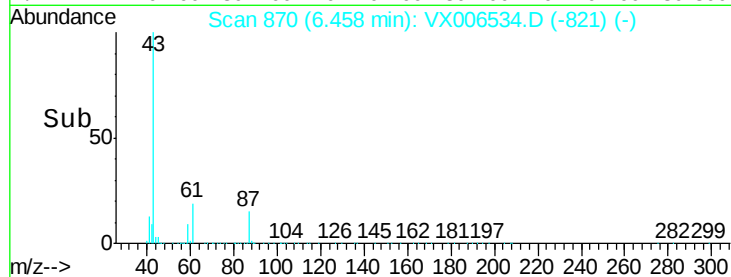
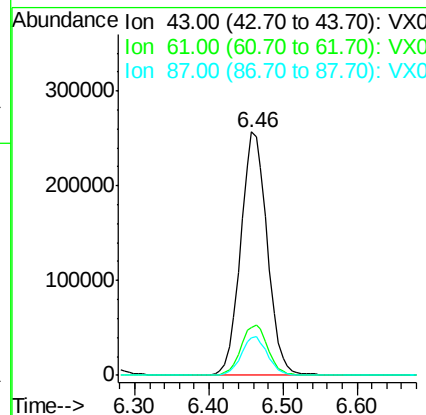
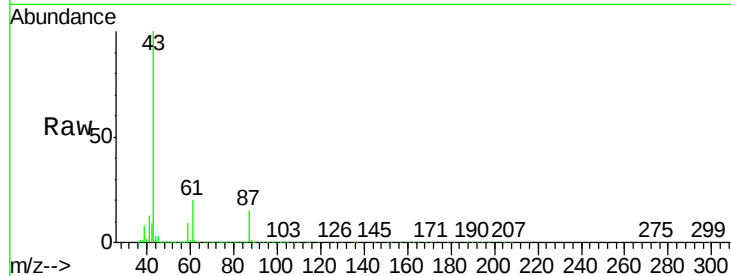
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	639805
Ion Ratio	Lower	Upper	
43	100		
61	21.2	16.8	25.2
87	15.6	11.9	17.9

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#44

Trichloroethene

Concen: 52.390 ug/l

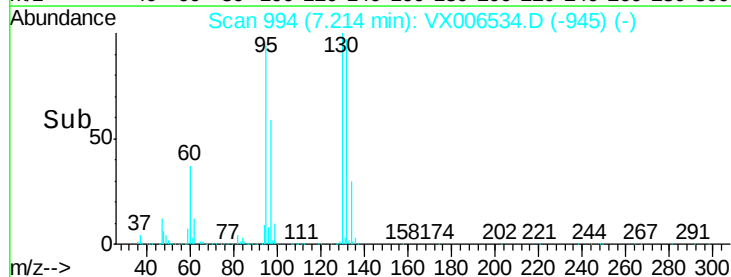
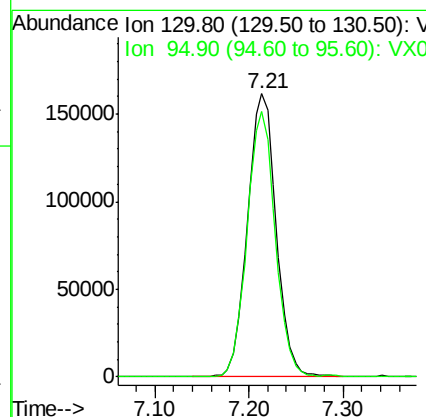
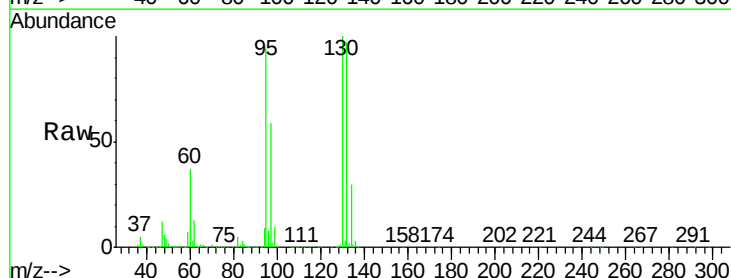
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	130	Resp:	344276
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	175.8





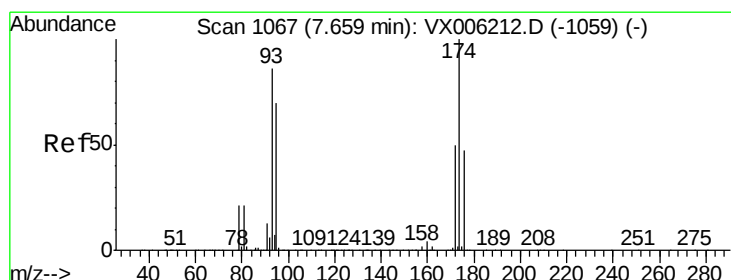
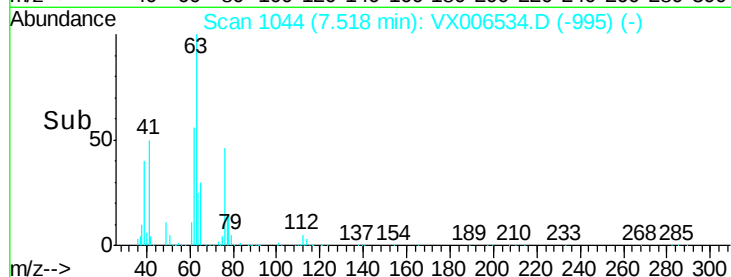
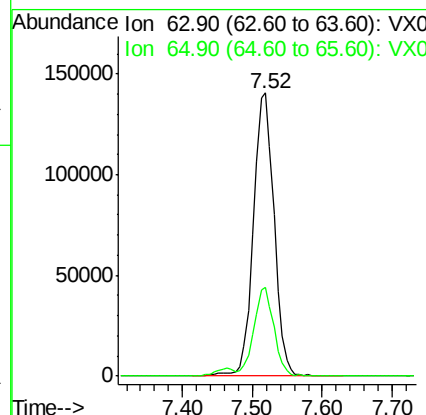
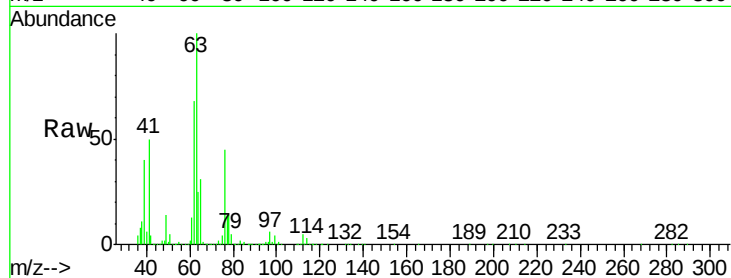
#45
 1,2-Dichloropropane
 Concen: 52.522 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	289559		
65	31.3		24.3	36.5

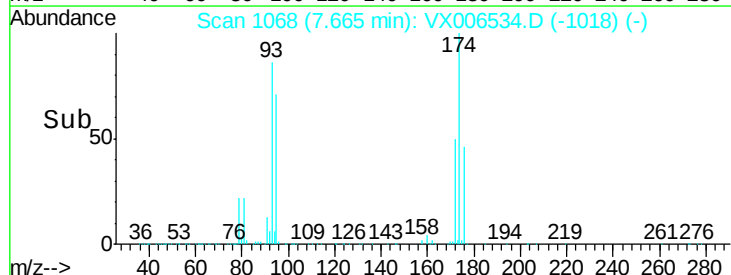
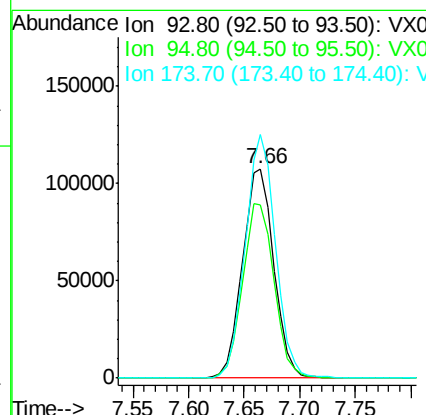
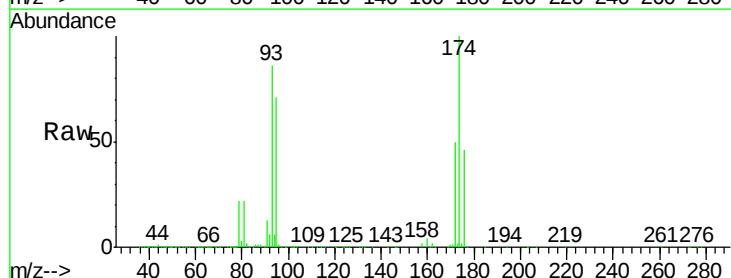
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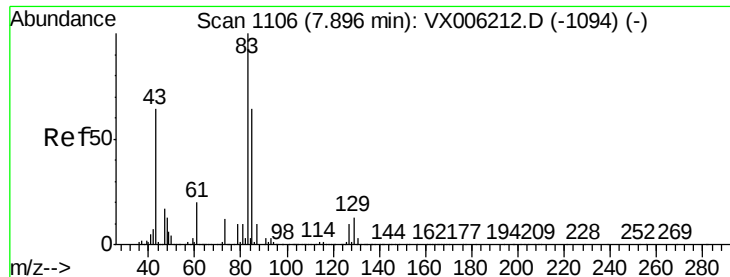
MMDadoda
 12/17/2018 12:12:24 PM



#46
 Dibromomethane
 Concen: 52.804 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210246		
95	84.2		66.2	99.4
174	112.5		97.2	145.8





#47

Bromodichloromethane

Concen: 47.551 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

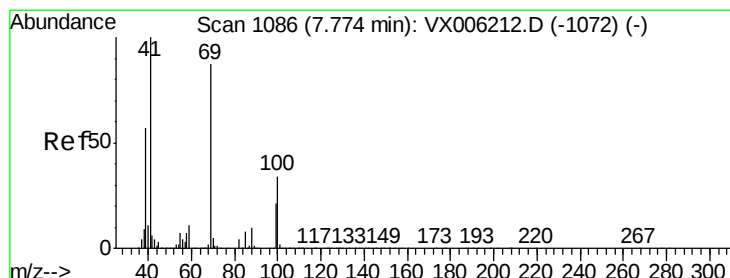
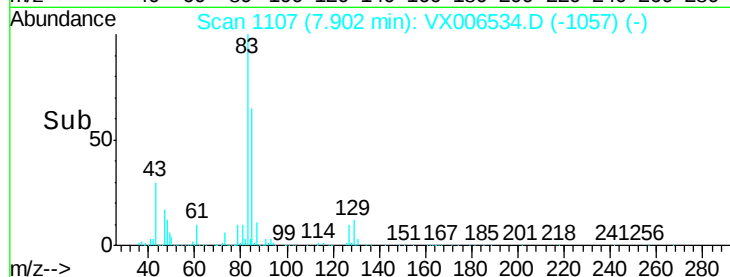
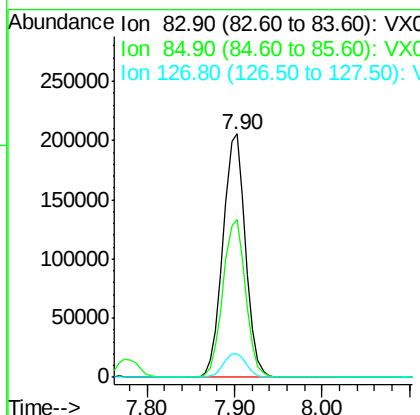
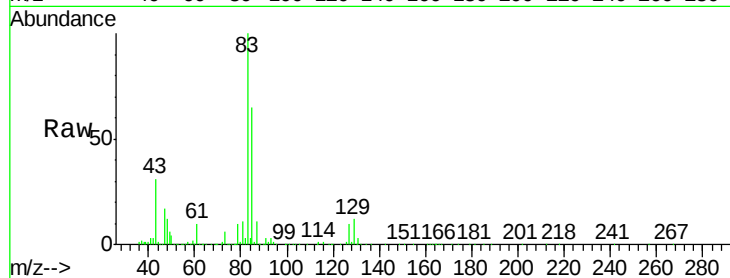
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	366643
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.4	77.0
127	9.7	7.9	11.9

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#48

Methyl methacrylate

Concen: 50.087 ug/l

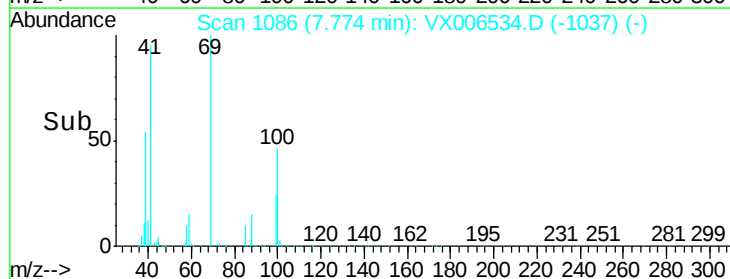
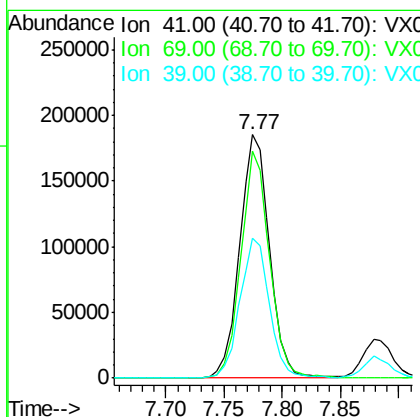
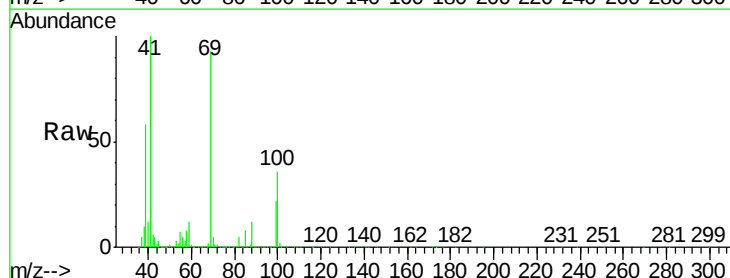
RT: 7.77 min Scan# 1086

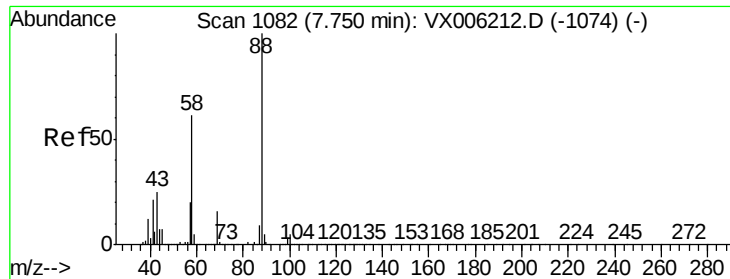
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	41	Resp:	329507
Ion Ratio	Lower	Upper	
41	100		
69	90.3	70.3	105.5
39	56.6	45.3	67.9





#49

1,4-Dioxane

Concen: 1054.445 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

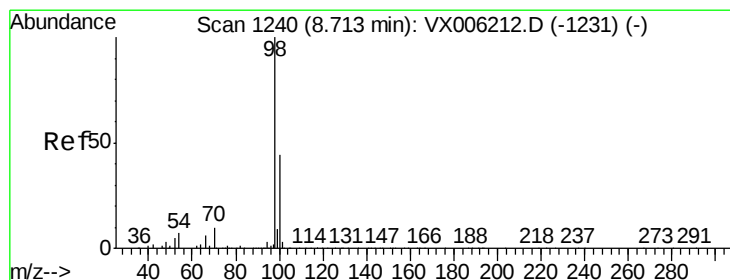
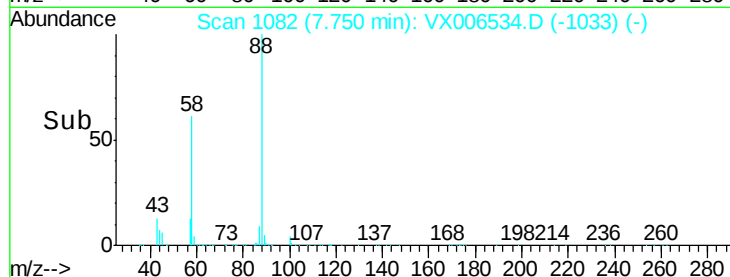
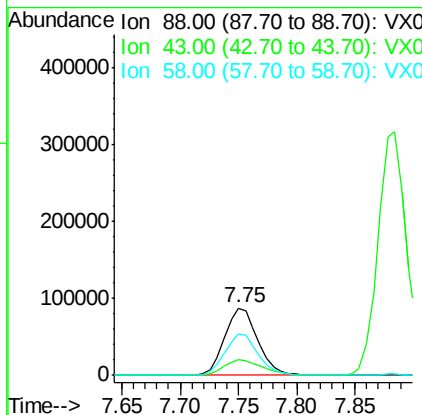
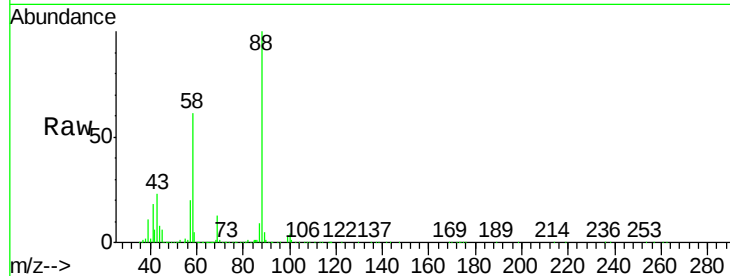
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	170969
Ion	Ratio	Lower	Upper
88	100		
43	26.8	23.2	34.8
58	63.1	51.4	77.0

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#50

Toluene-d8

Concen: 49.721 ug/l

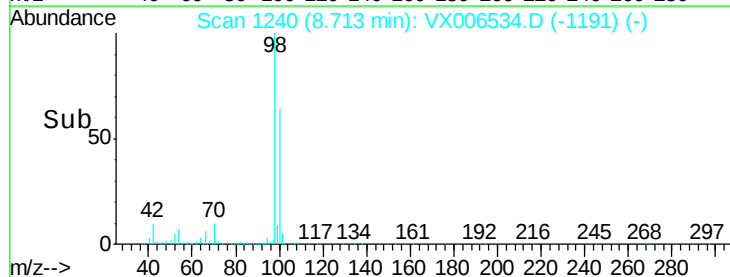
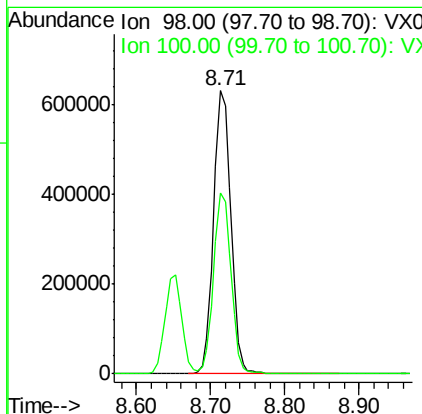
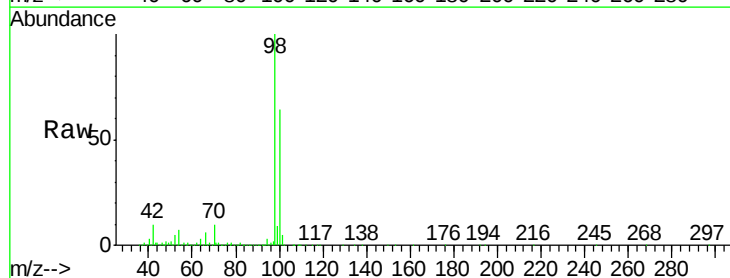
RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	98	Resp:	1007095
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 259.448 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2042428

Ion Ratio Lower Upper

43 100

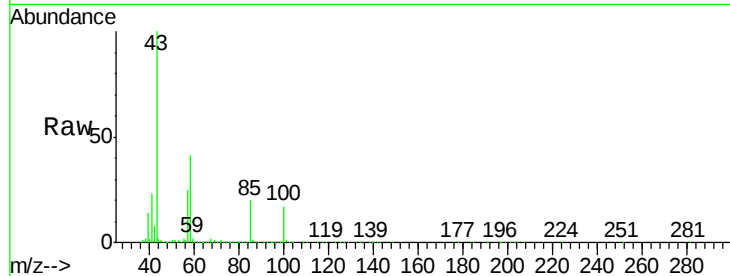
58 40.3 31.3 46.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

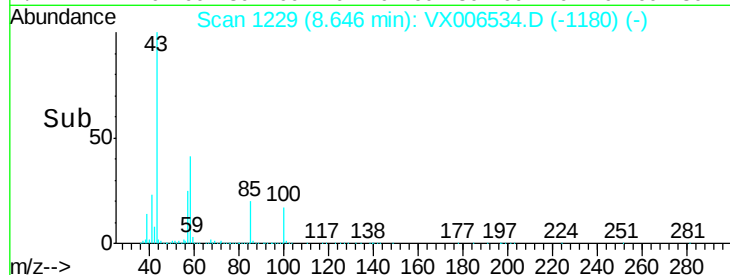
1000000

500000

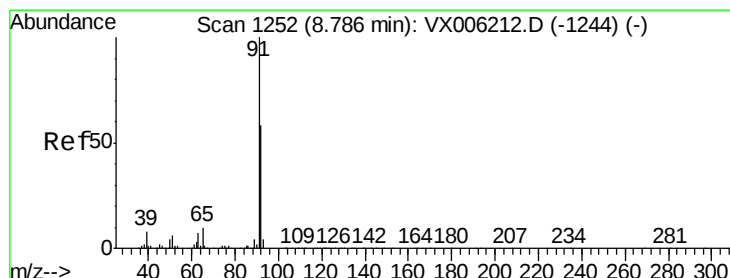
0

8.65

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 54.353 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006534.D

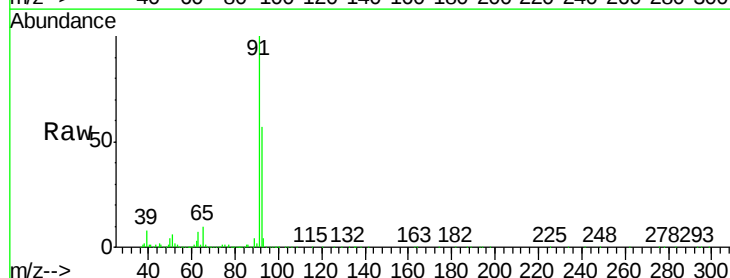
Acq: 14 Dec 2018 22:45

Tgt Ion: 92 Resp: 775674

Ion Ratio Lower Upper

92 100

91 173.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

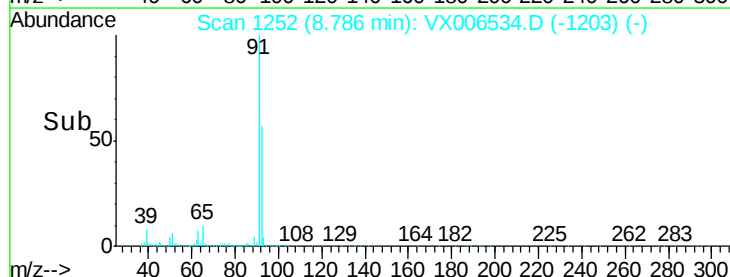
400000

200000

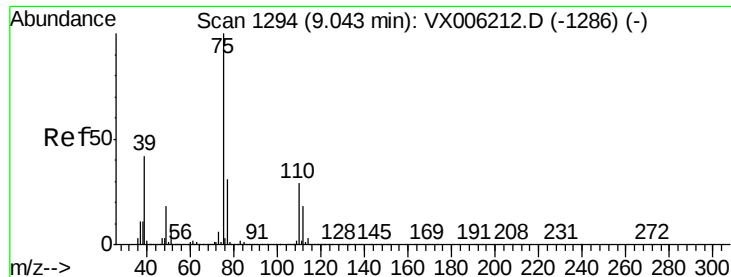
0

8.79

8.70 8.80 8.90 9.00



Time-->



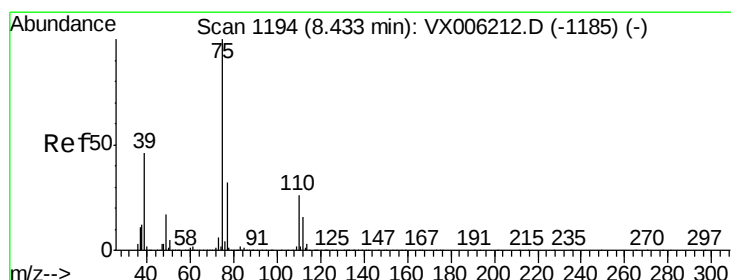
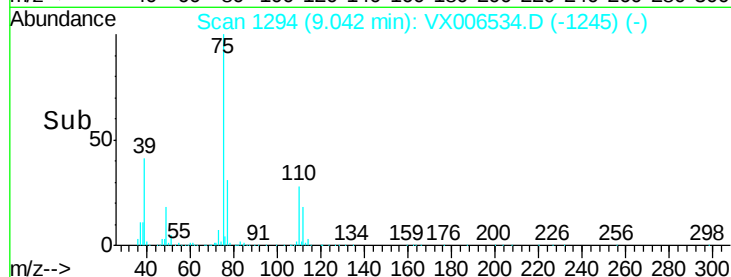
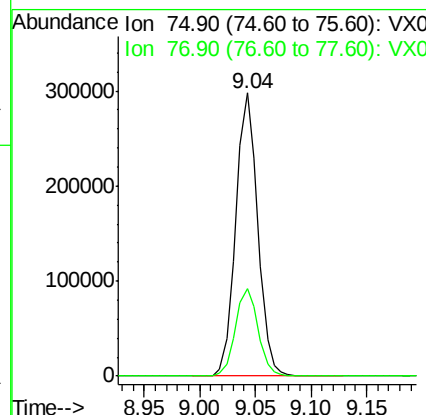
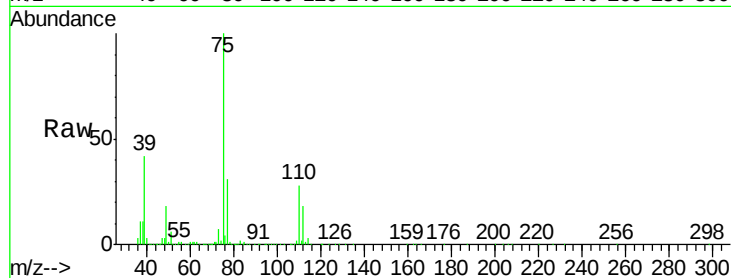
#53
t-1,3-Dichloropropene
Concen: 45.229 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 407855
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

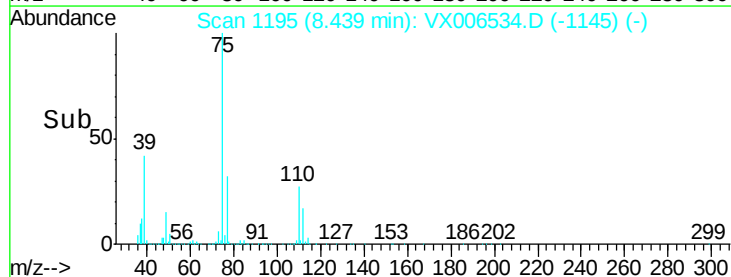
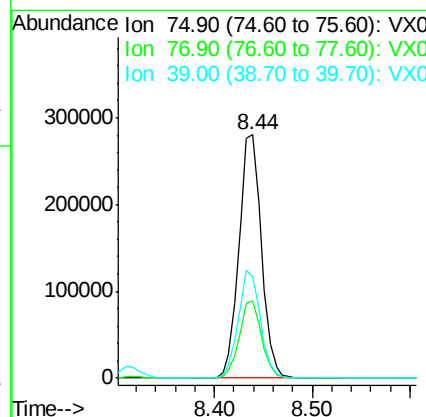
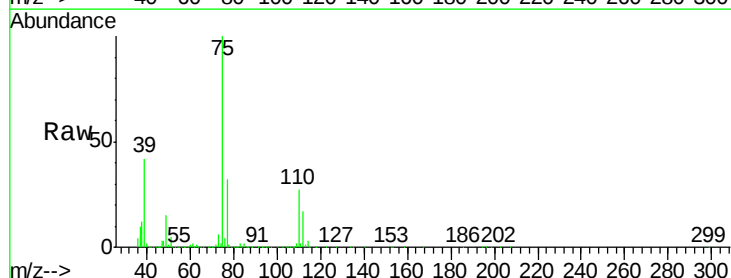
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#54
cis-1,3-Dichloropropene
Concen: 47.815 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 75 Resp: 447724
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 41.7 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 55.065 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

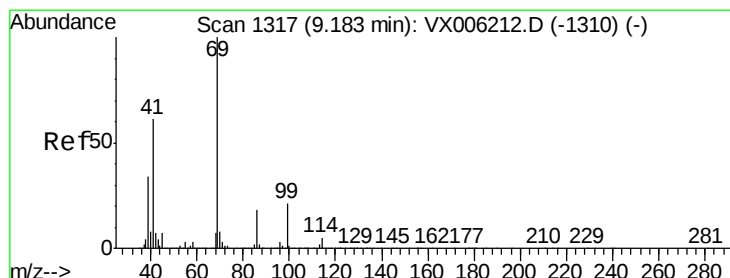
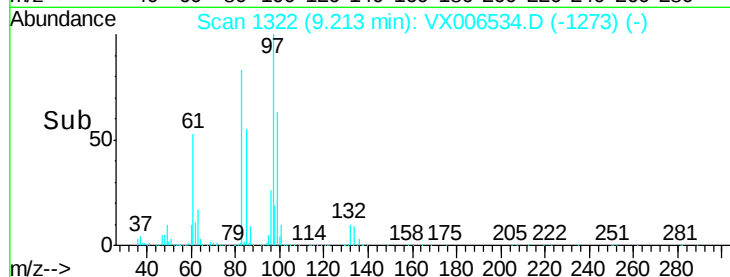
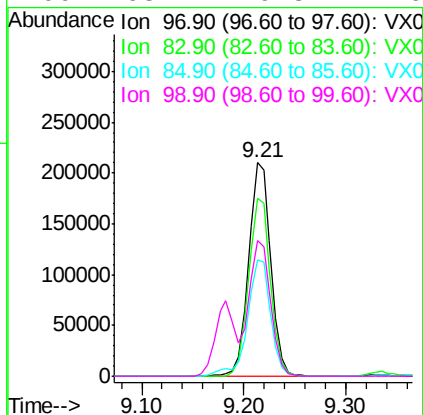
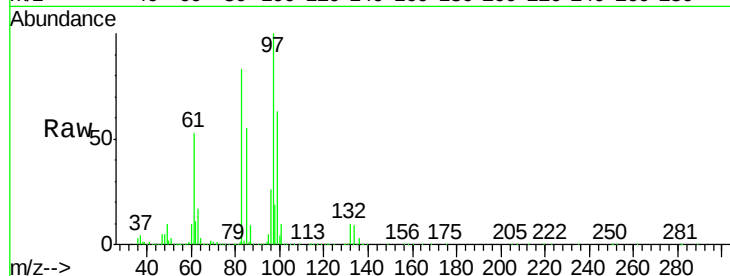
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.1	100.7
85	54.7	43.2	64.8
99	63.4	49.8	74.6

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#56

Ethyl methacrylate

Concen: 53.109 ug/l

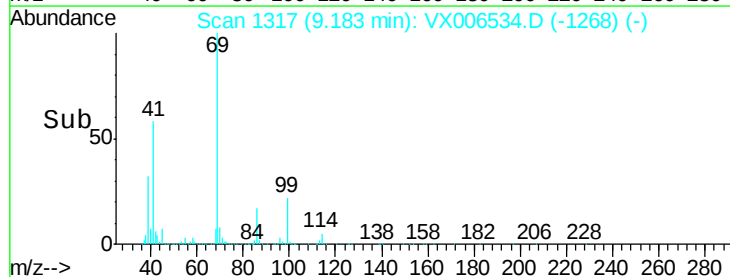
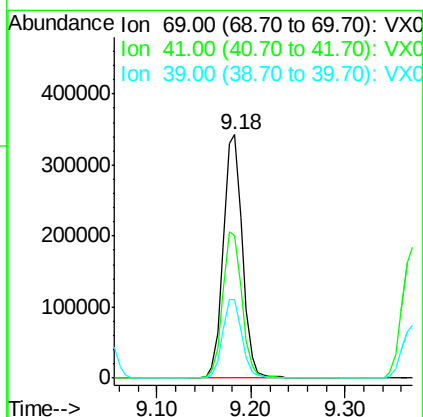
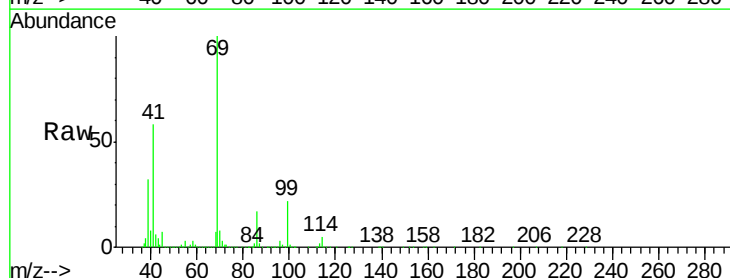
RT: 9.18 min Scan# 1317

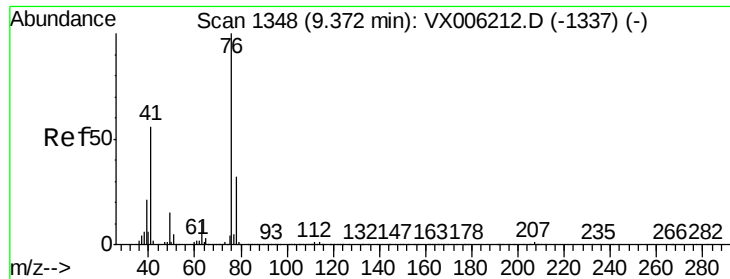
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.6	76.0
39	32.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 54.554 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 500148

Ion Ratio Lower Upper

76 100

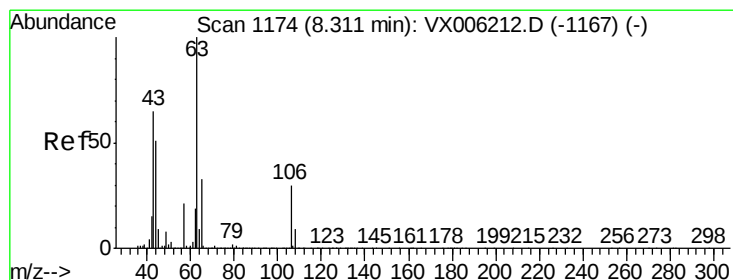
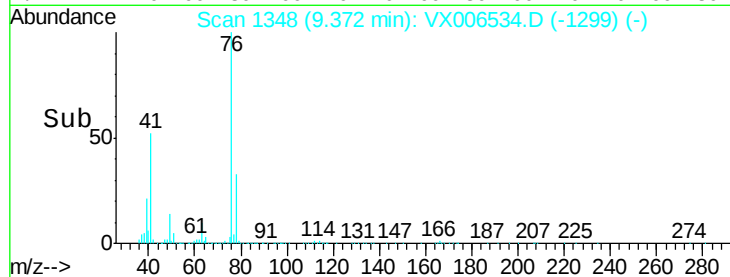
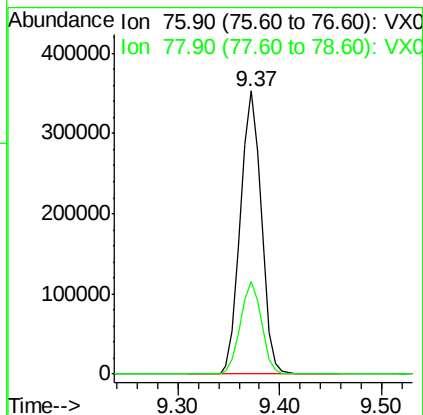
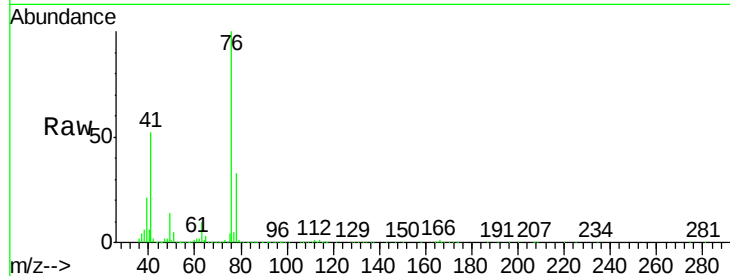
78 32.9 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 233.042 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006534.D

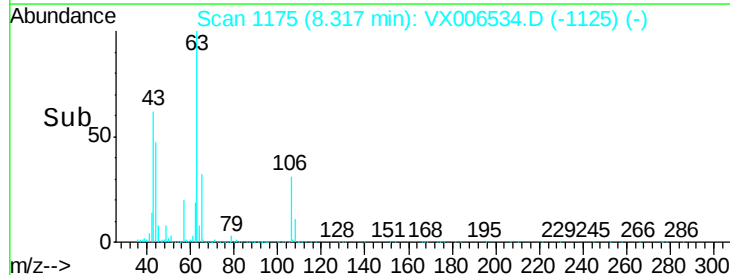
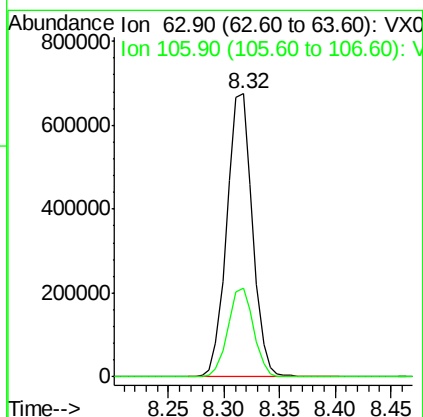
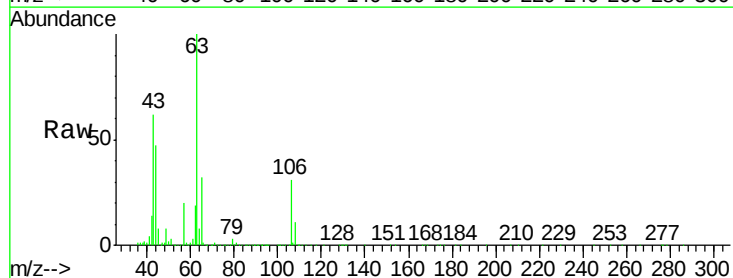
Acq: 14 Dec 2018 22:45

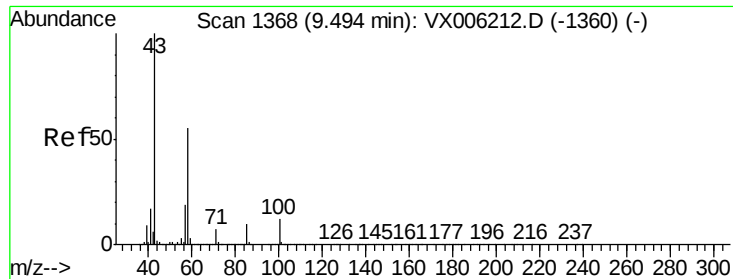
Tgt Ion: 63 Resp: 1071846

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





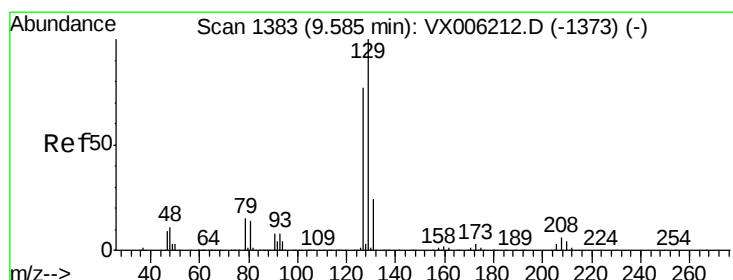
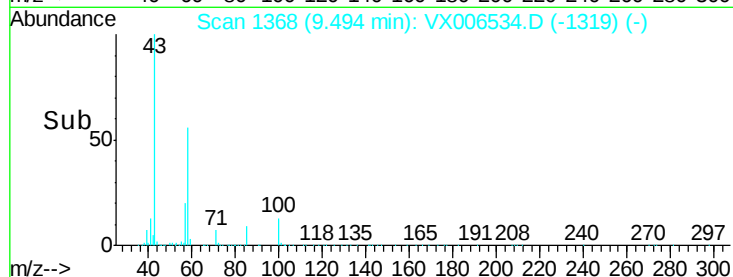
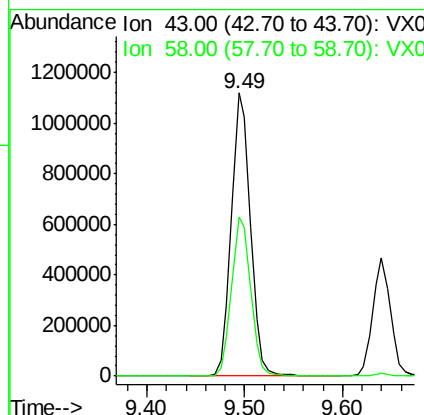
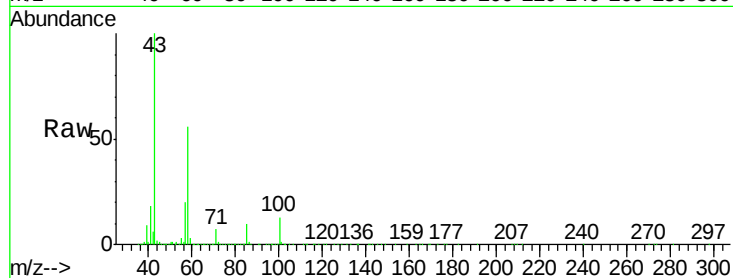
#59
2-Hexanone
Concen: 253.081 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1522126
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.1

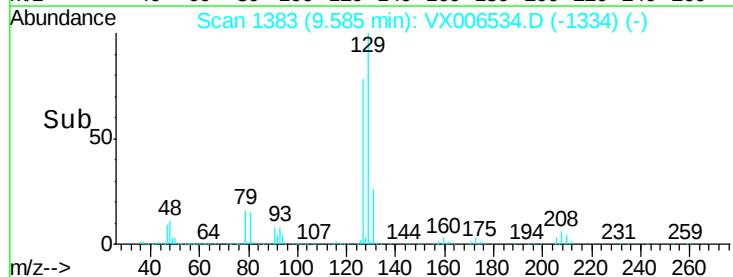
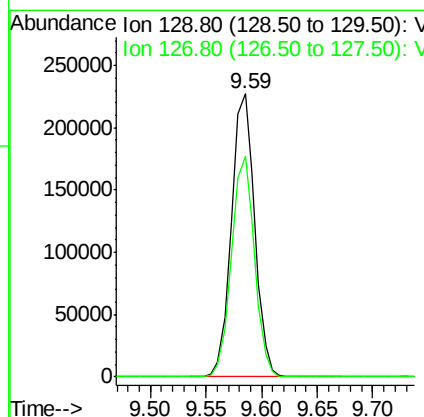
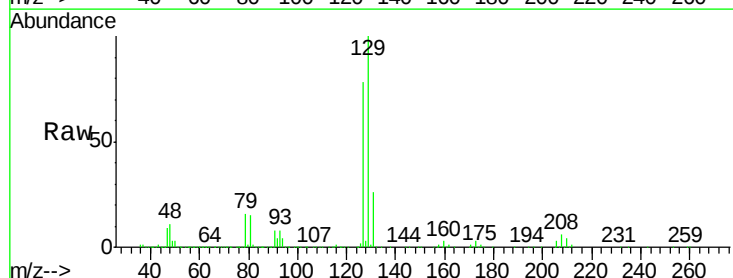
Manual Integrations
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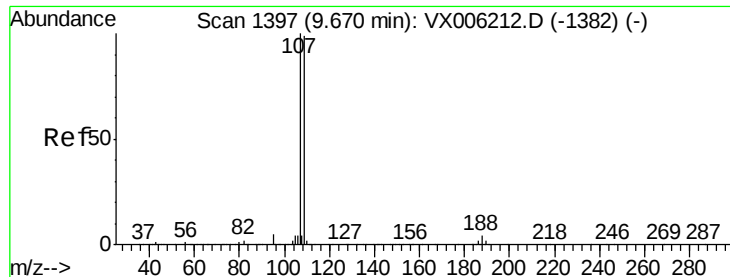
MMDadoda
12/17/2018 12:12:24 PM



#60
Dibromochloromethane
Concen: 45.929 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 129 Resp: 328355
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





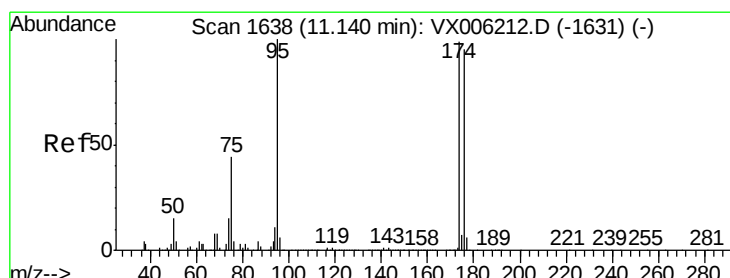
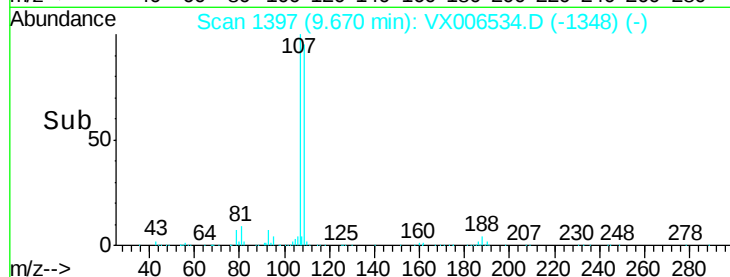
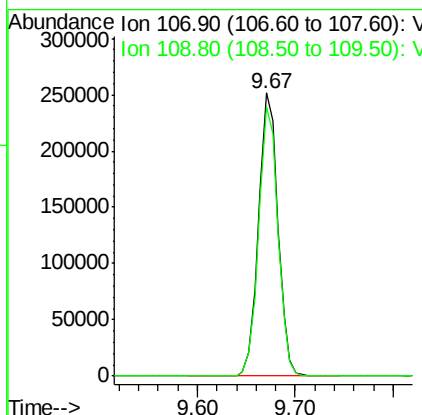
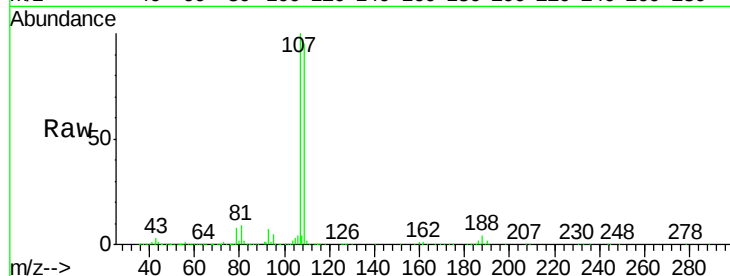
#61
1,2-Dibromoethane
Concen: 53.776 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.3	114.5

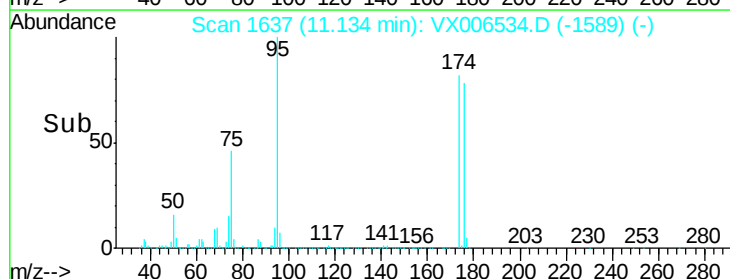
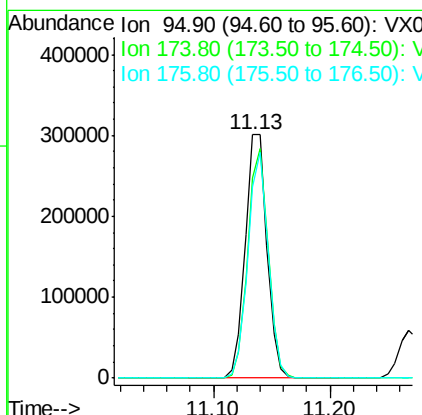
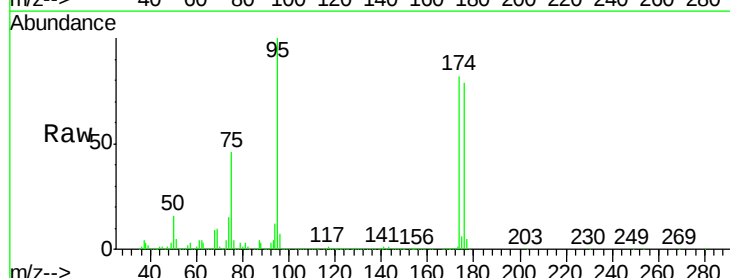
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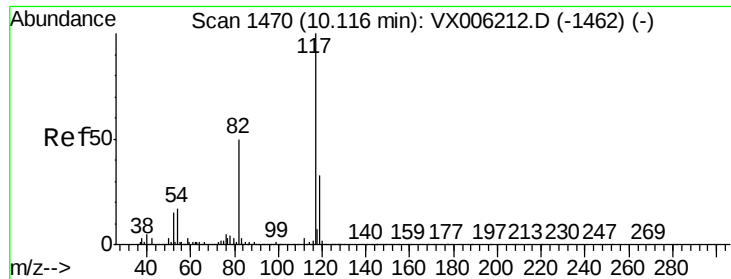
MMDadoda
12/17/2018 12:12:24 PM



#62
4-Bromofluorobenzene
Concen: 51.852 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	187.0
176	86.9	0.0	181.8





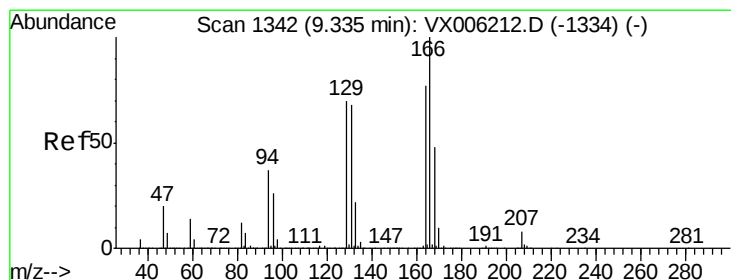
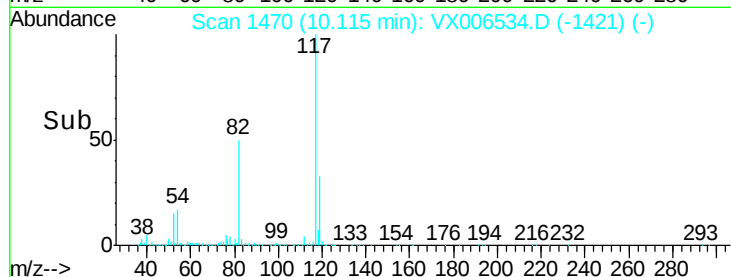
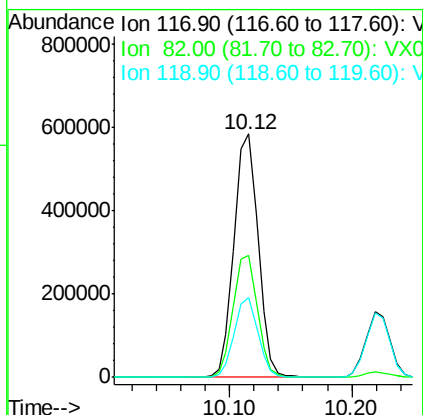
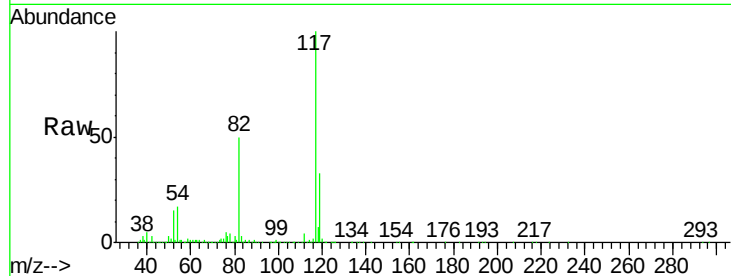
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	50.3	39.6	59.4
119	32.9	26.3	39.5

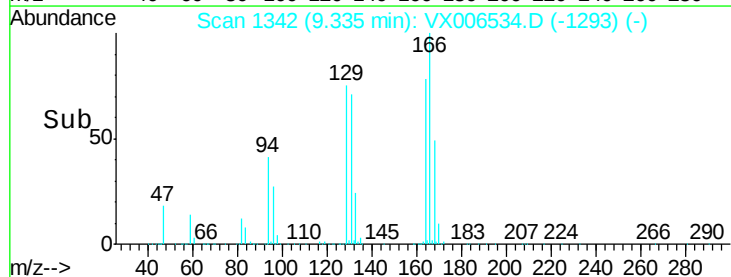
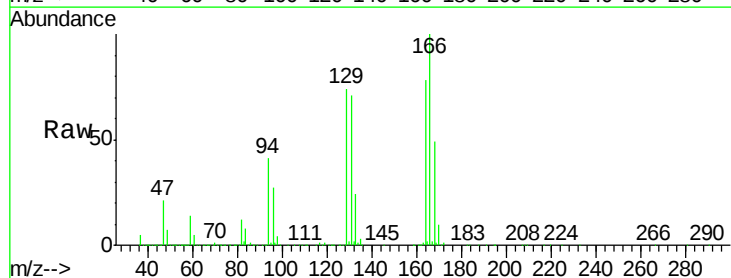
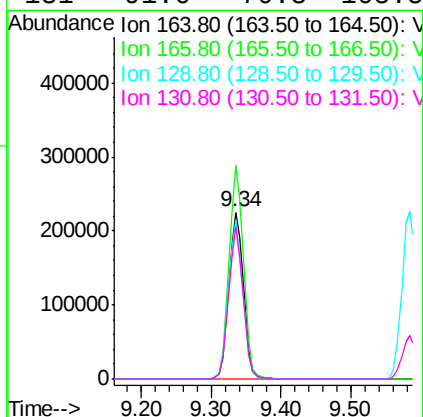
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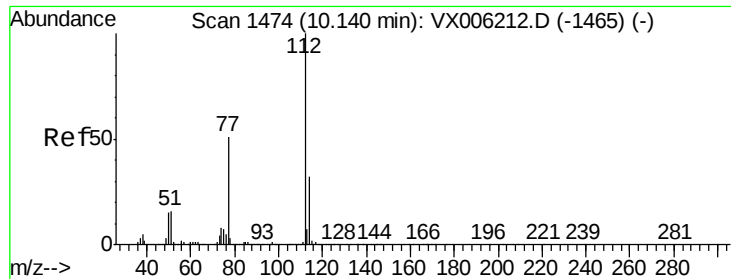
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#64
Tetrachloroethene
Concen: 54.471 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.2	104.2	156.2
129	95.5	72.6	108.8
131	91.6	70.3	105.5





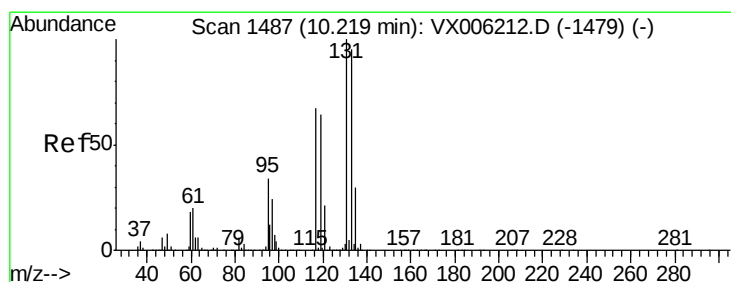
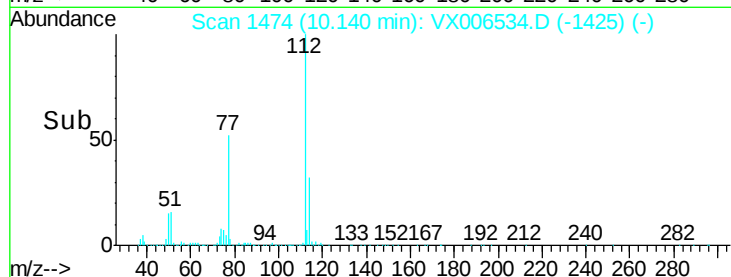
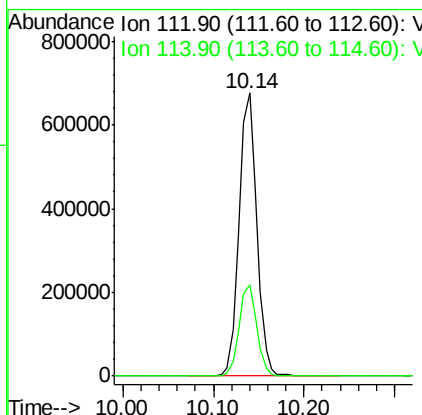
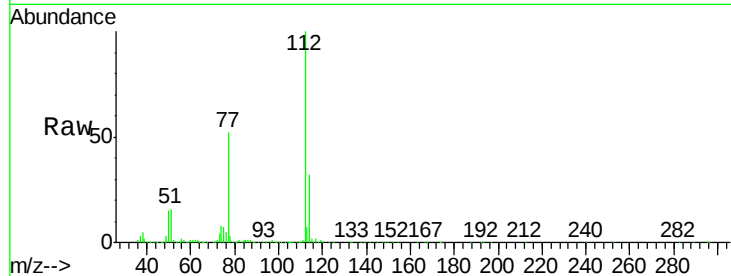
#65
Chlorobenzene
Concen: 54.136 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 917757
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

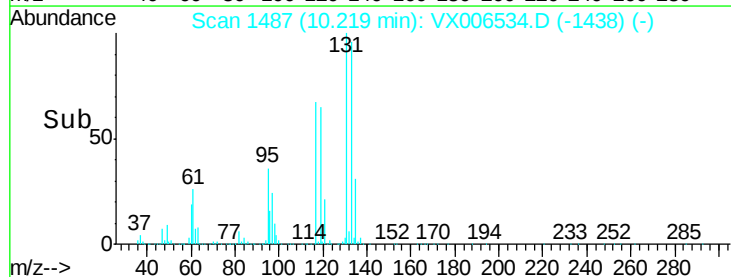
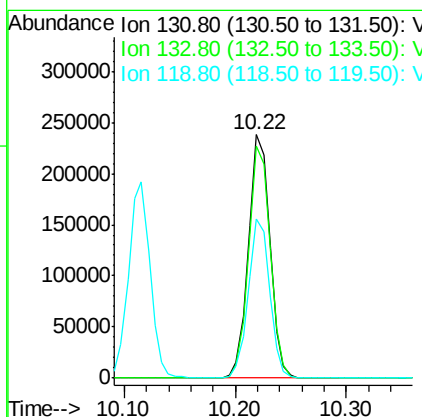
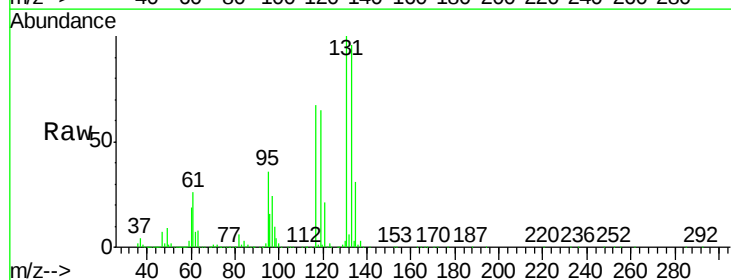
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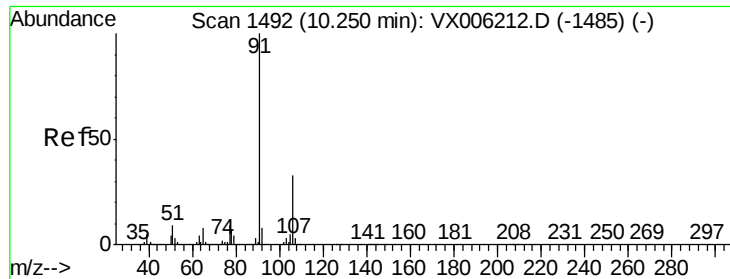
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.641 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion:131 Resp: 320385
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 65.4 32.1 96.3





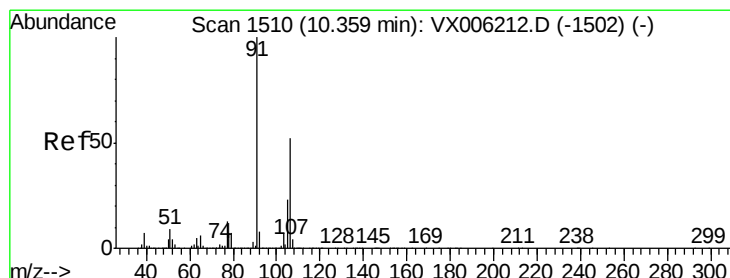
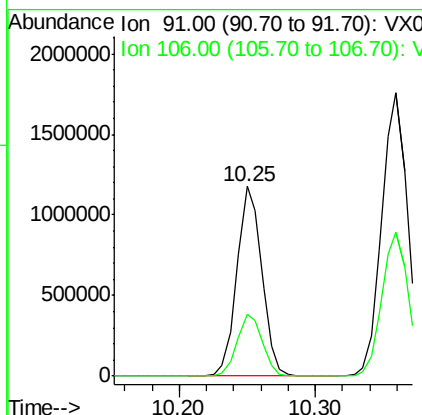
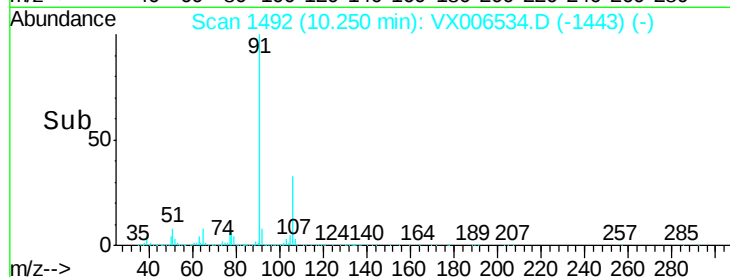
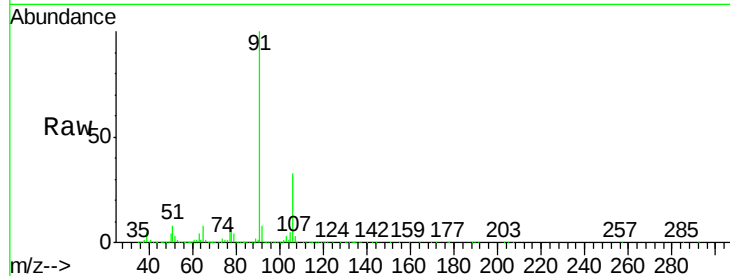
#67
Ethyl Benzene
Concen: 53.297 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1502754
Ion Ratio Lower Upper
91 100
106 32.6 26.5 39.7

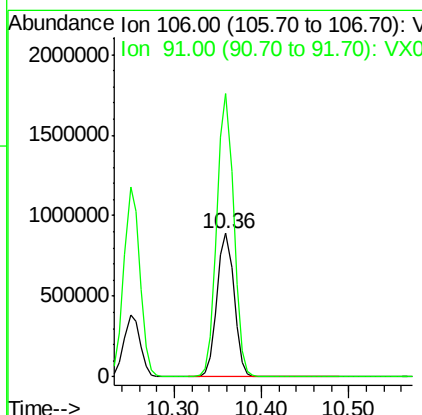
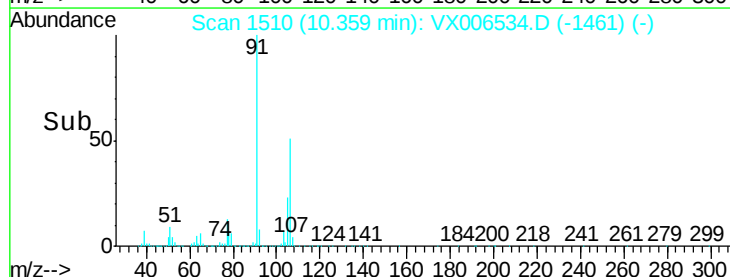
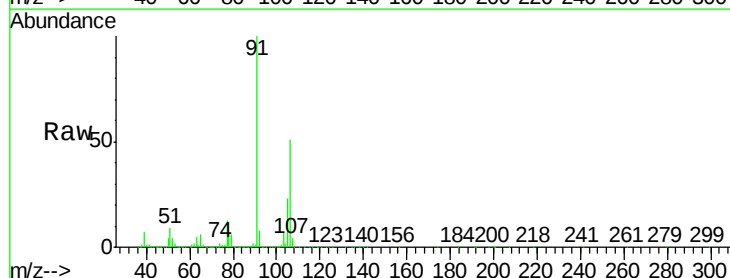
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#68
m/p-Xylenes
Concen: 106.736 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 106 Resp: 1205524
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8





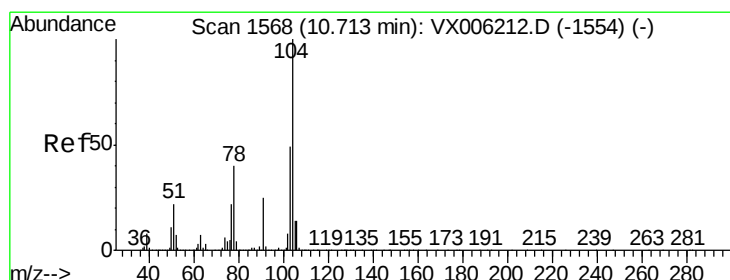
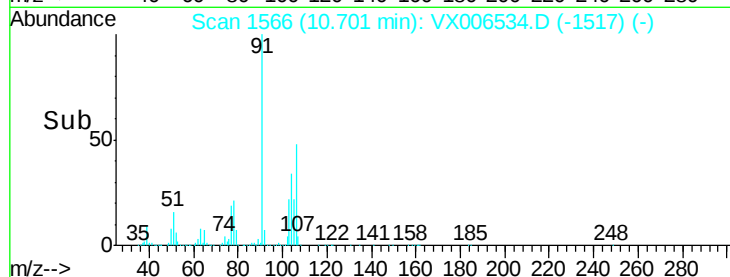
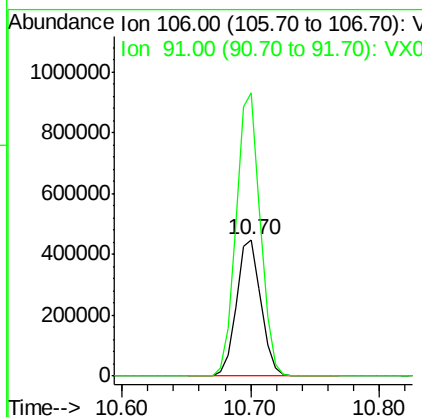
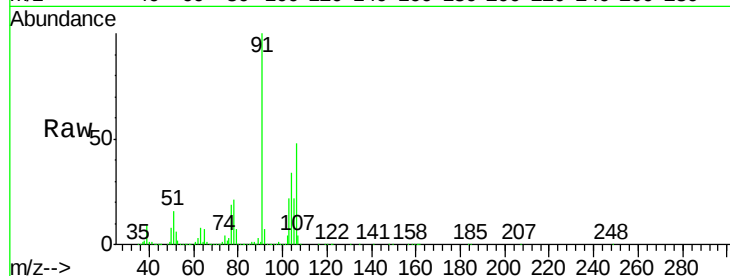
#69
o-Xylene
Concen: 52.864 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.1	101.8	305.6

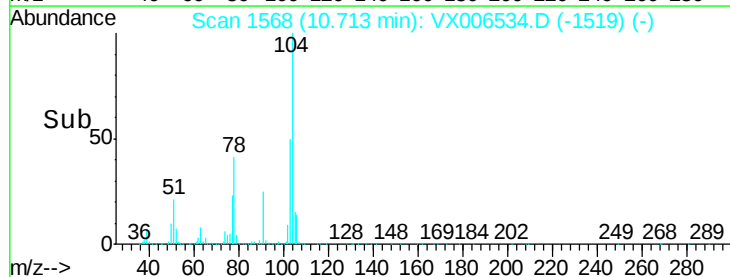
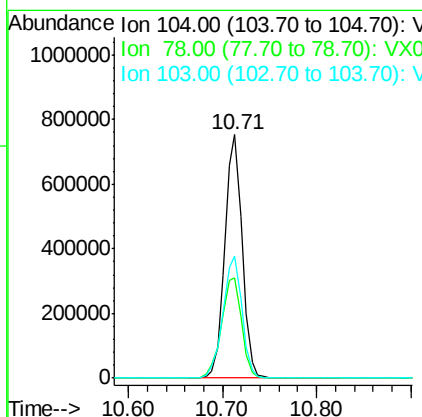
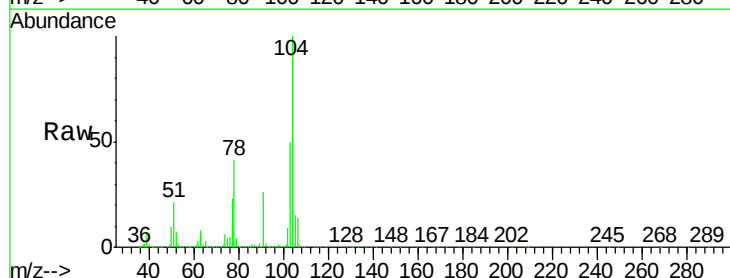
Manual Integrations
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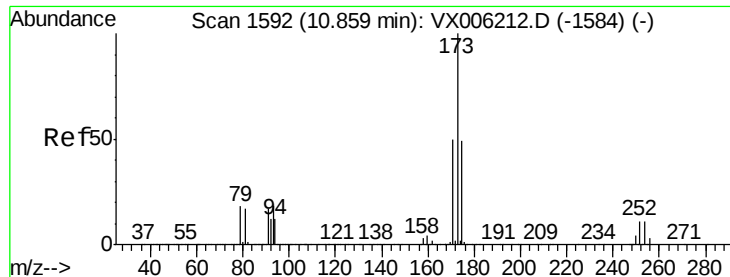
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#70
Styrene
Concen: 53.419 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.2	55.8
103	54.9	43.5	65.3





#71

Bromoform

Concen: 39.894 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 248052

Ion Ratio Lower Upper

173 100

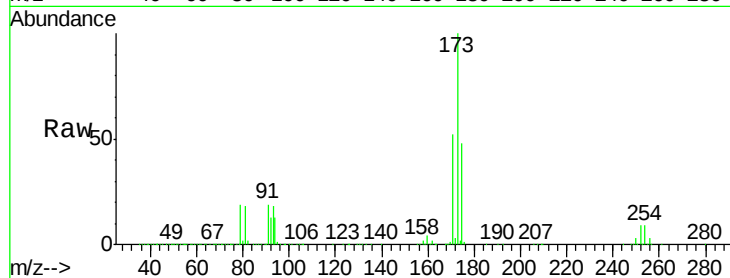
175 47.9 24.6 73.8

254 0.1 0.2 0.2#

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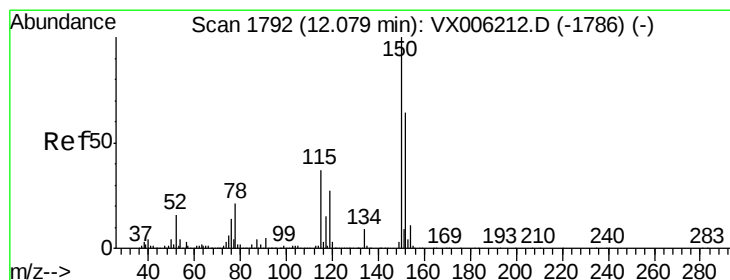
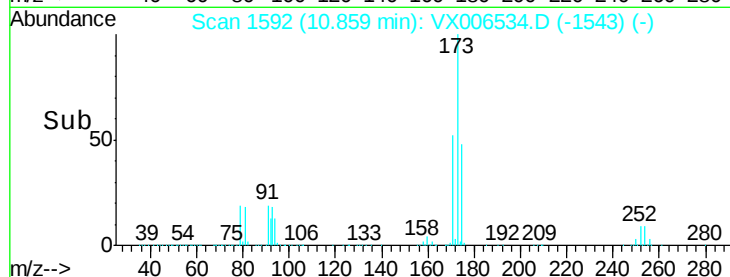
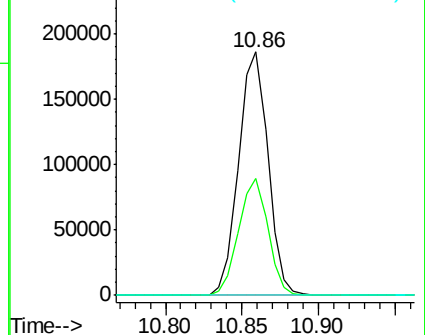
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

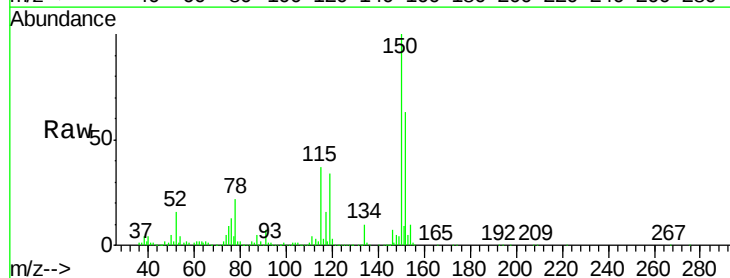
Tgt Ion:152 Resp: 416081

Ion Ratio Lower Upper

152 100

115 81.6 39.0 116.9

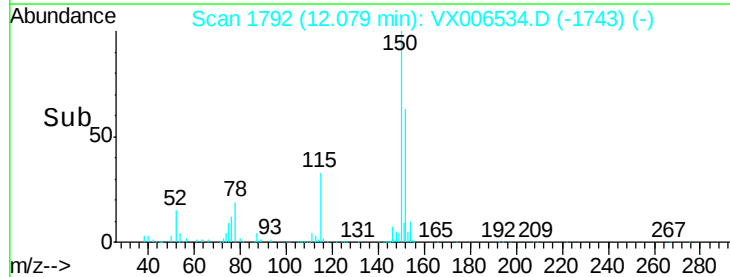
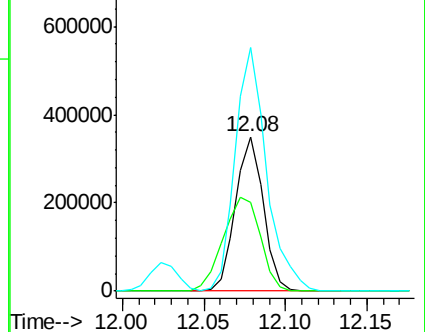
150 177.8 0.0 345.8

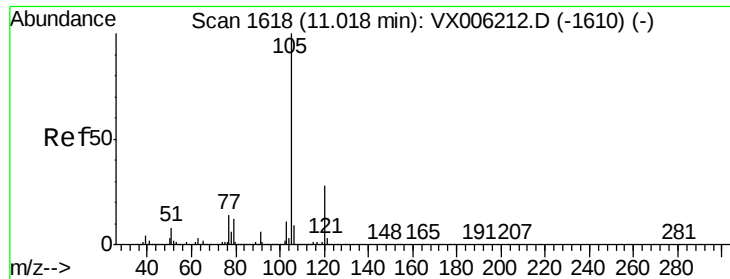


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.408 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1563362

Ion Ratio Lower Upper

105 100

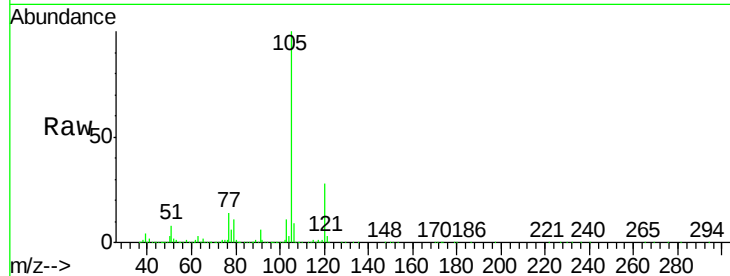
120 28.1 14.1 42.3

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Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

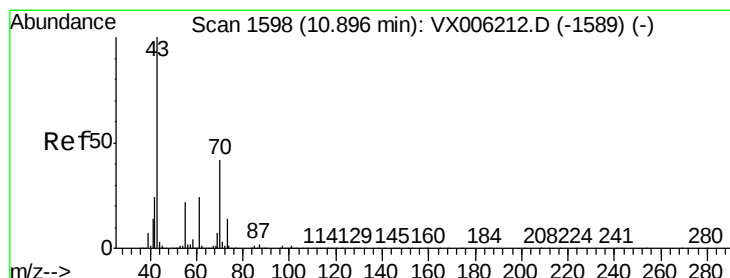
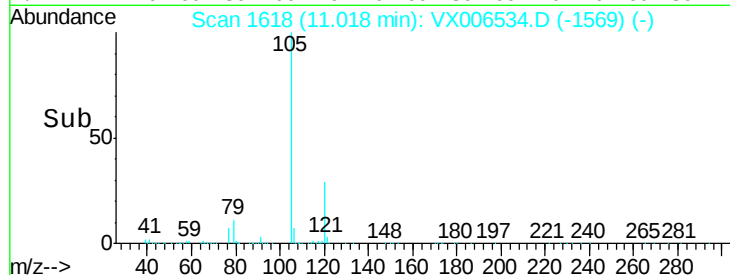
11.02

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 47.034 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion: 43 Resp: 581976

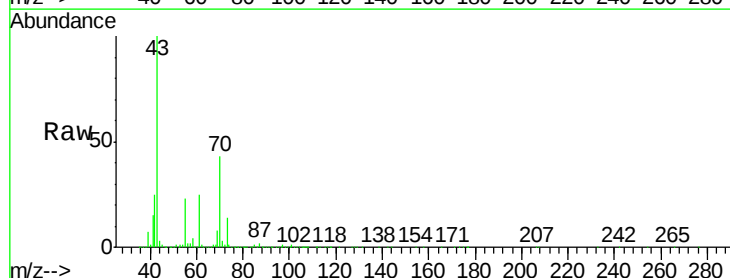
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.3 17.8 26.8

61 25.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

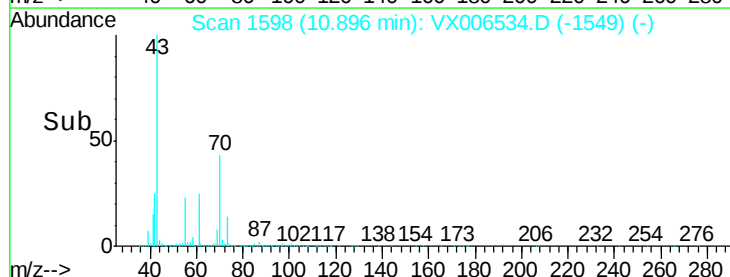
600000

400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.644 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 474744

Ion Ratio Lower Upper

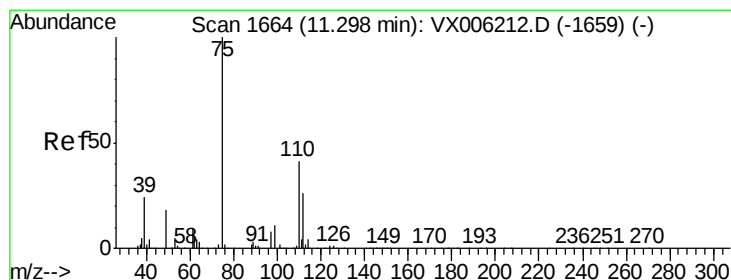
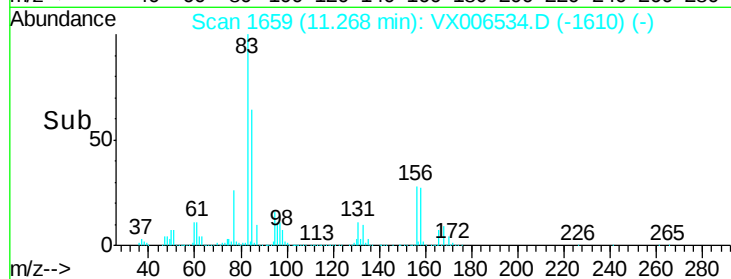
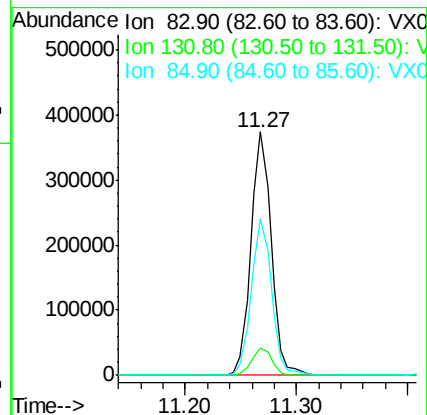
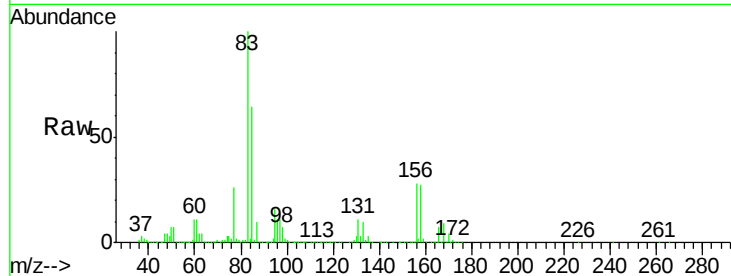
83 100

131 11.2 5.7 17.1

85 64.5 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 54.151 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006534.D

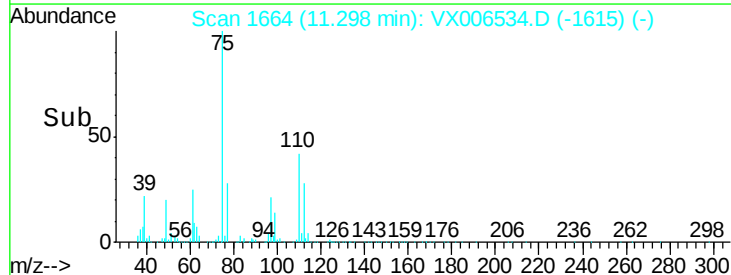
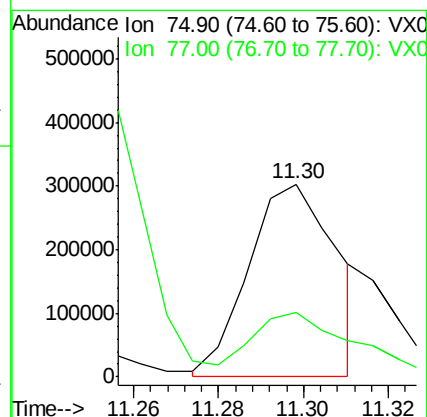
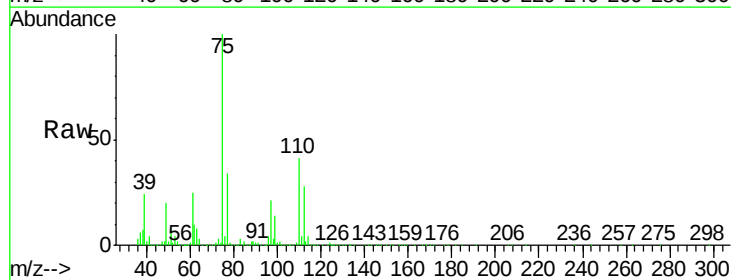
Acq: 14 Dec 2018 22:45

Tgt Ion: 75 Resp: 434891

Ion Ratio Lower Upper

75 100

77 38.8 19.9 59.7





#77

Bromobenzene

Concen: 53.078 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

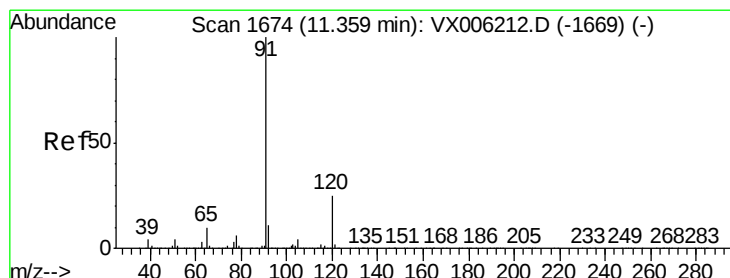
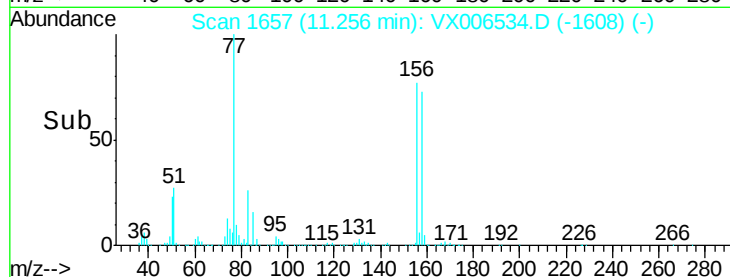
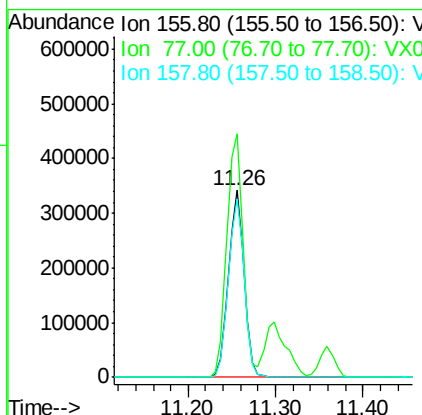
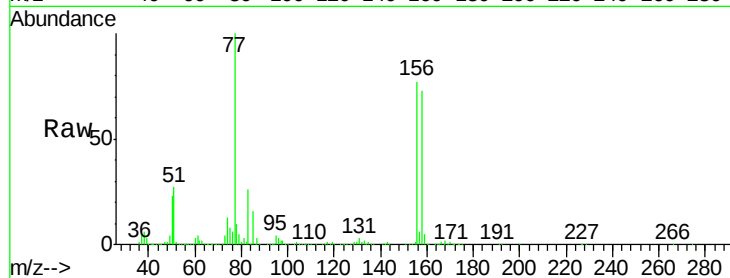
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	423258
Ion Ratio	Lower	Upper	
156	100		
77	135.4	66.2	198.6
158	97.0	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 54.608 ug/l

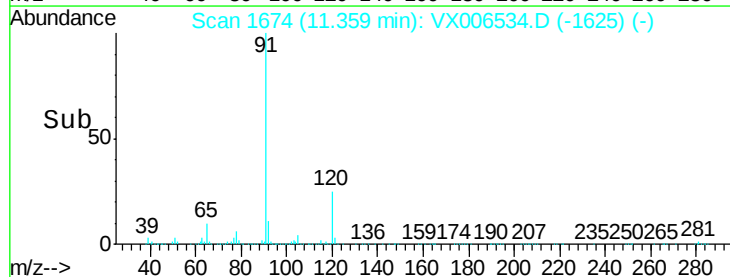
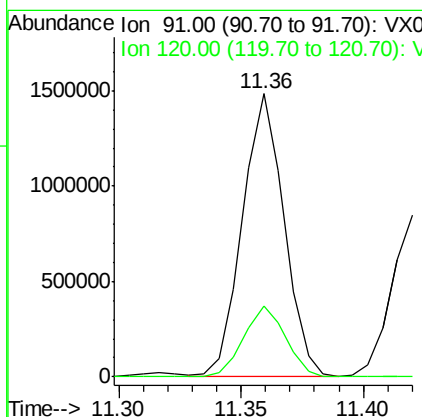
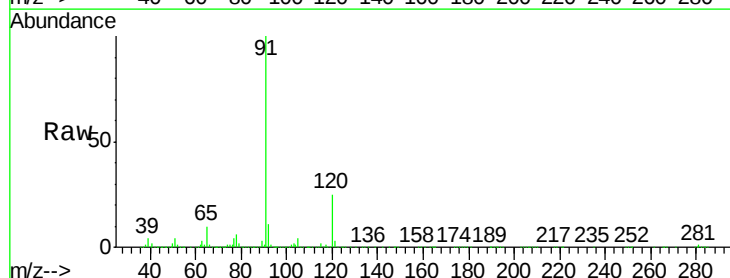
RT: 11.36 min Scan# 1674

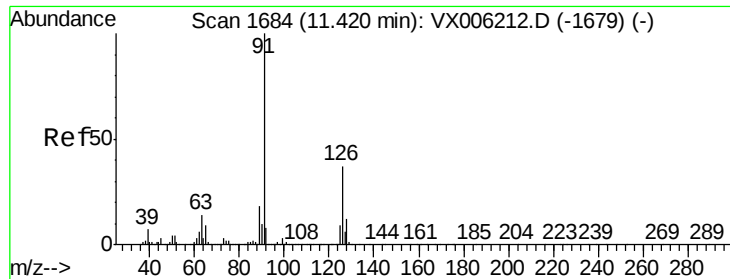
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	91	Resp:	1744226
Ion Ratio	Lower	Upper	
91	100		
120	25.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 54.403 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1032796

Ion Ratio Lower Upper

91 100

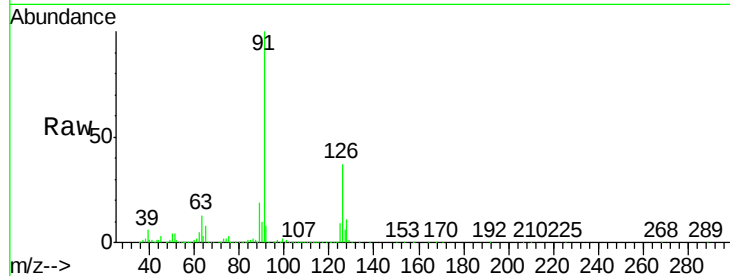
126 37.3 18.6 56.0

Manual Integrations

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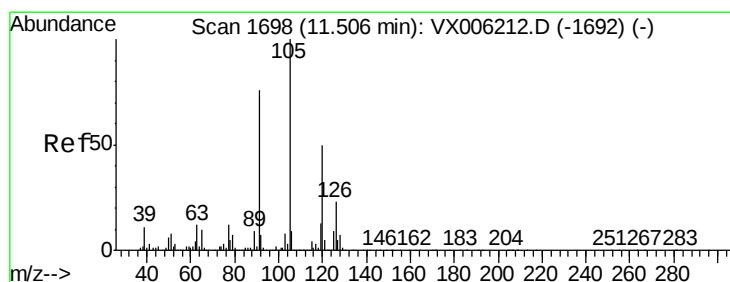
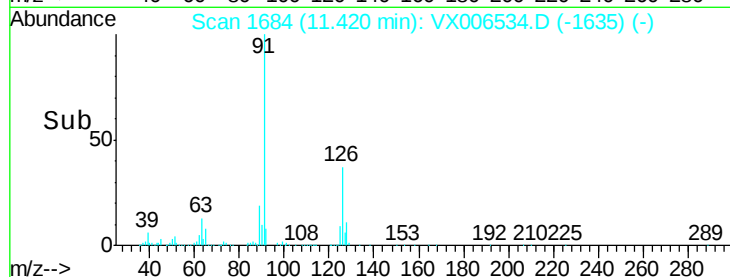
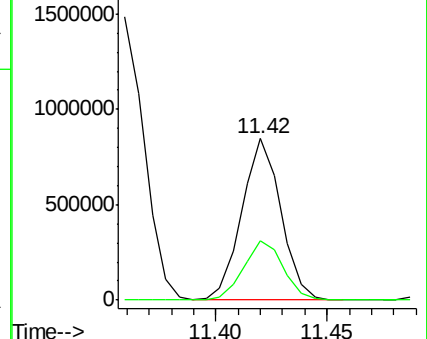
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.110 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006534.D

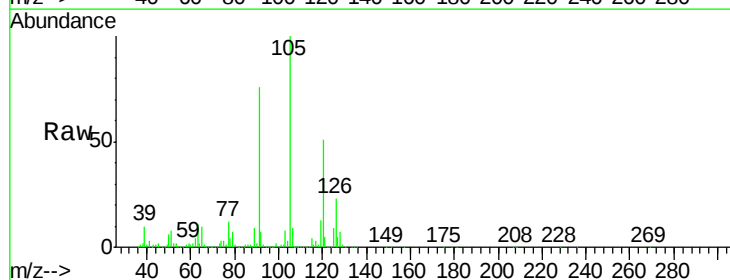
Acq: 14 Dec 2018 22:45

Tgt Ion:105 Resp: 1293627

Ion Ratio Lower Upper

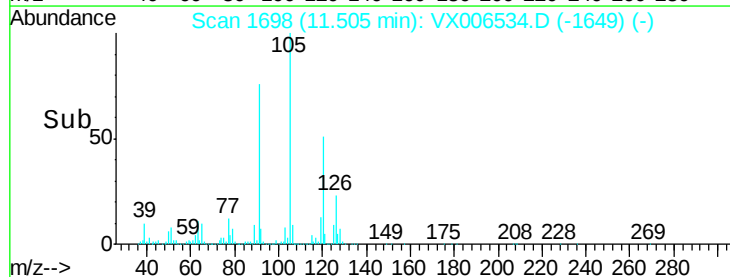
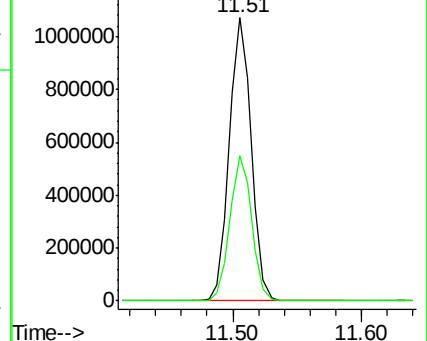
105 100

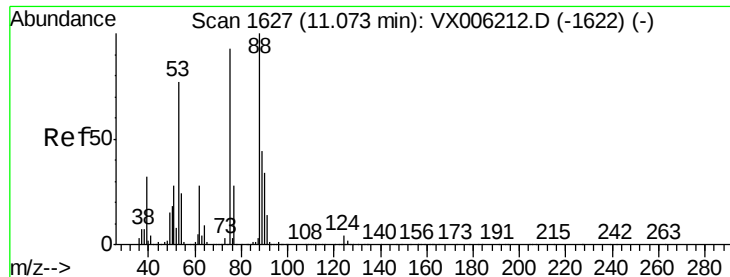
120 50.7 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 37.902 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

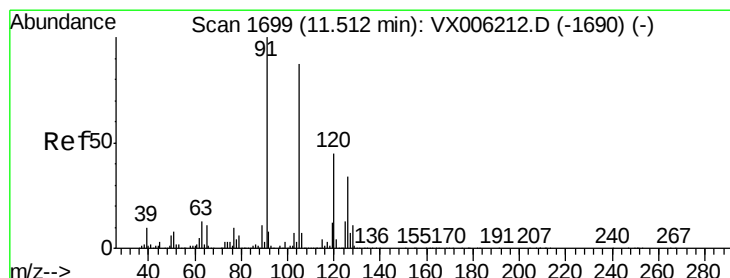
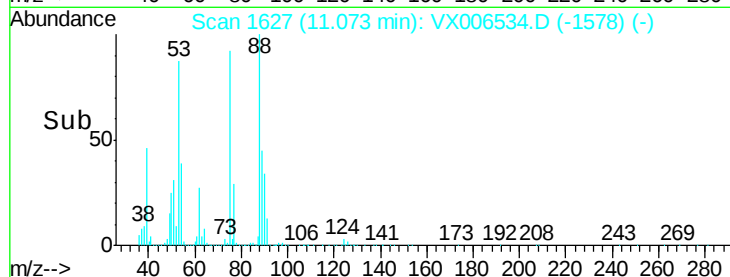
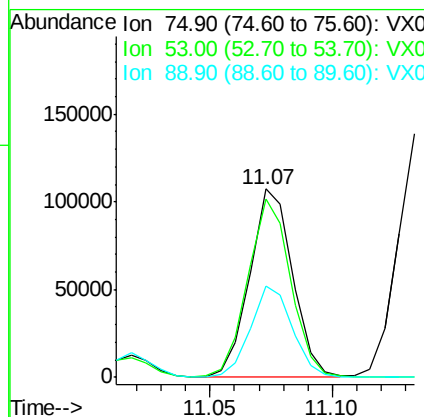
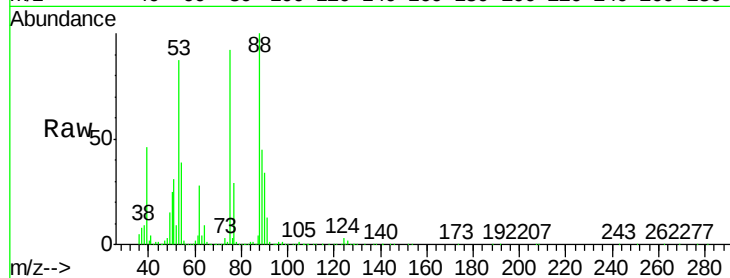
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	129710
Ion Ratio	Lower	Upper	
75	100		
53	95.1	64.4	96.6
89	47.8	44.2	66.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.864 ug/l

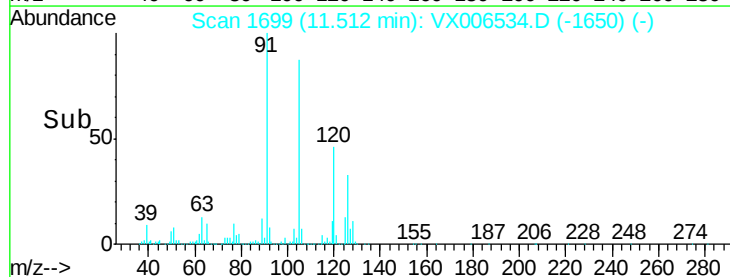
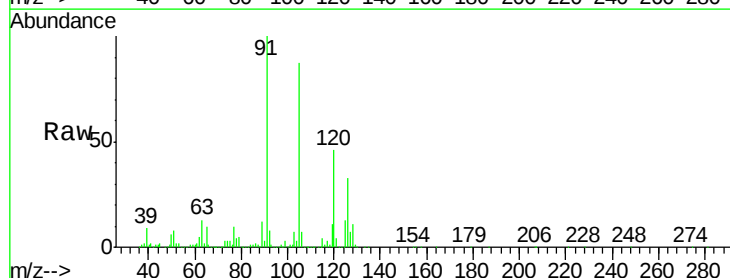
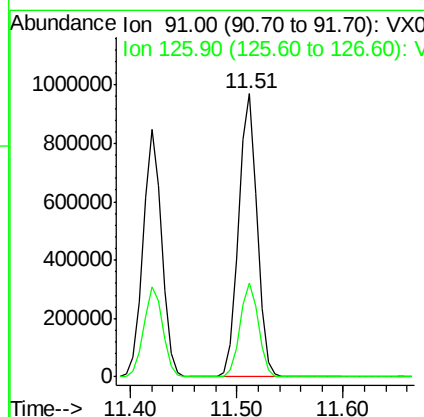
RT: 11.51 min Scan# 1699

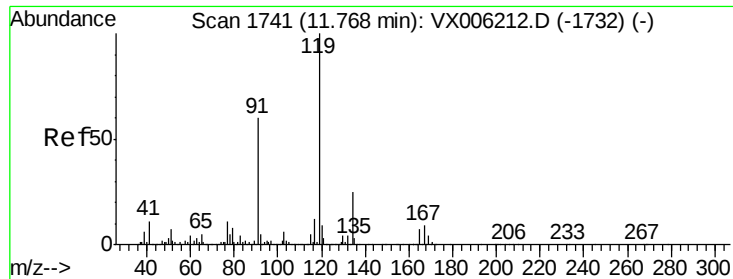
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	91	Resp:	1188900
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.4	49.4





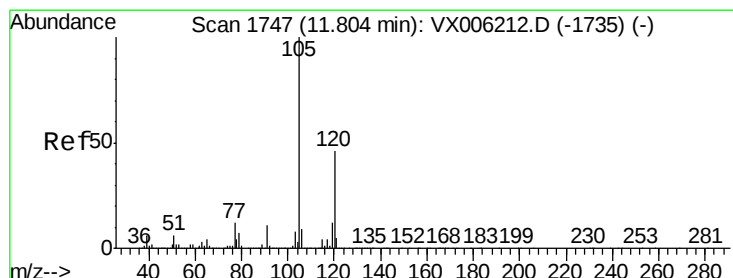
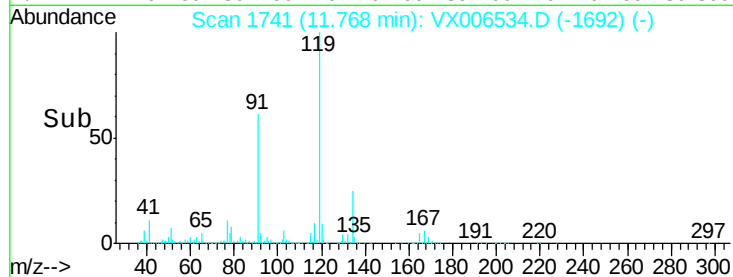
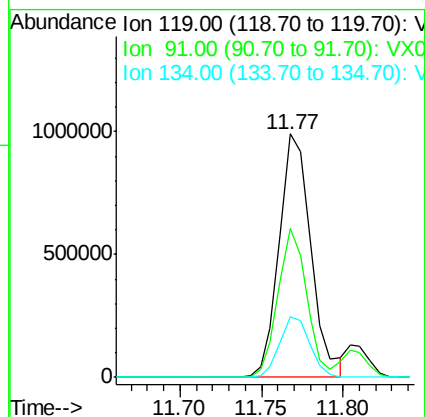
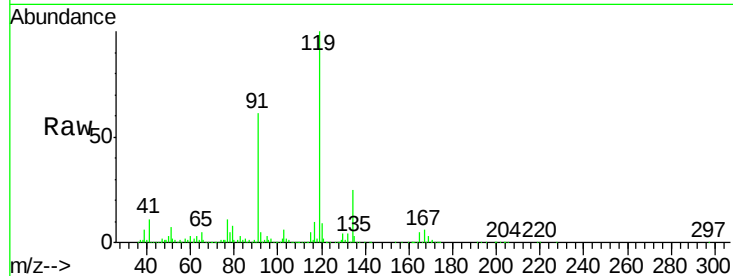
#83
tert-Butylbenzene
Concen: 52.237 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.2	26.4	79.2
134	23.7	11.6	34.7

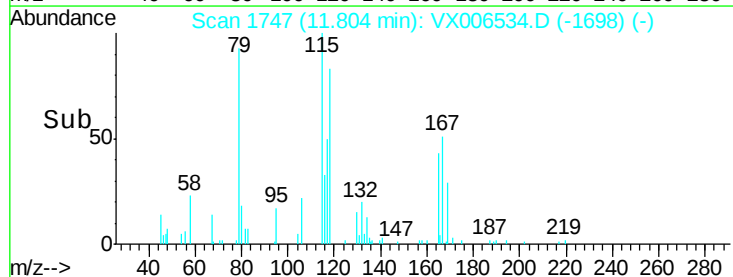
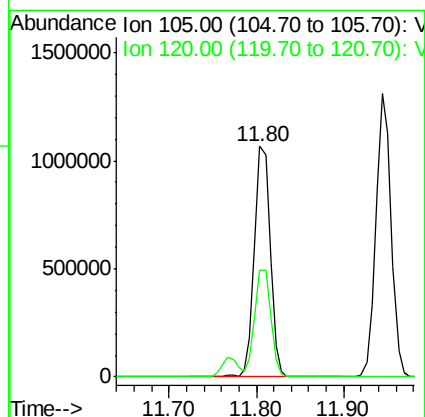
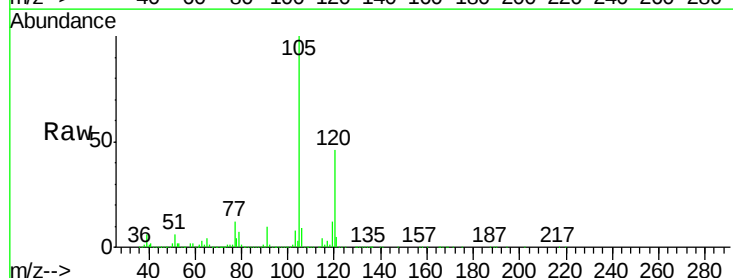
Manual Integrations
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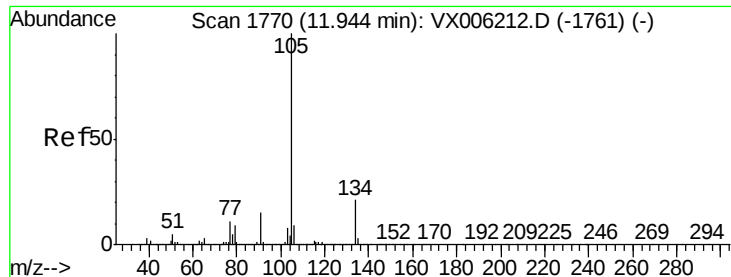
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#84
1,2,4-Trimethylbenzene
Concen: 54.083 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





#85

sec-Butylbenzene

Concen: 55.223 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1602551

Ion Ratio Lower Upper

105 100

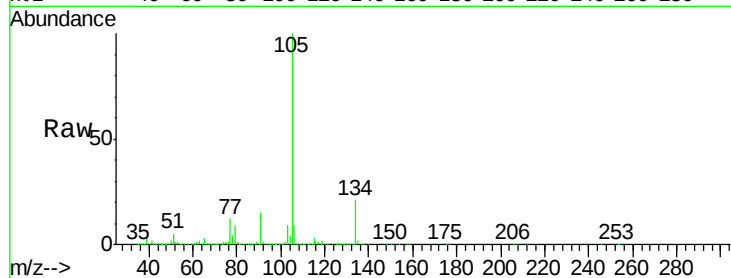
134 21.4 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

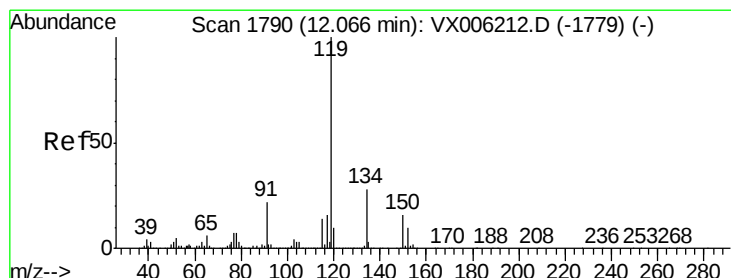
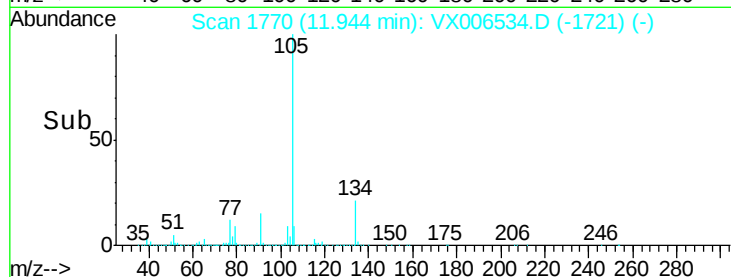
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.682 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

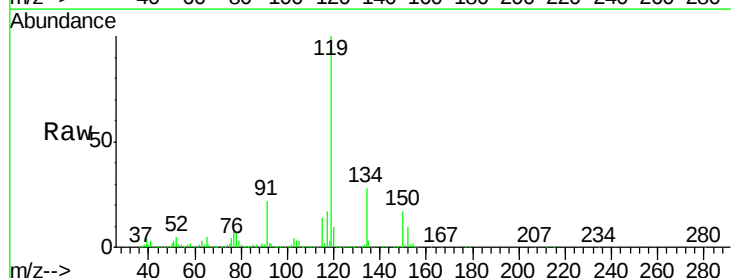
Tgt Ion:119 Resp: 1428884

Ion Ratio Lower Upper

119 100

134 27.4 13.9 41.6

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

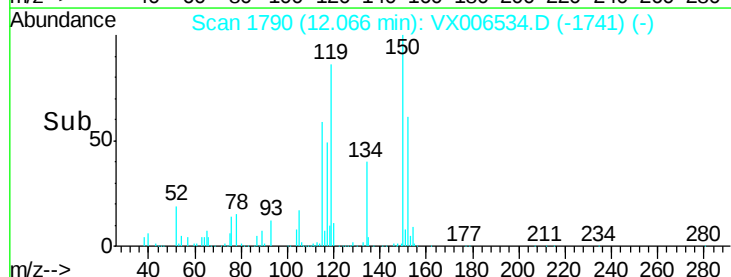
1500000

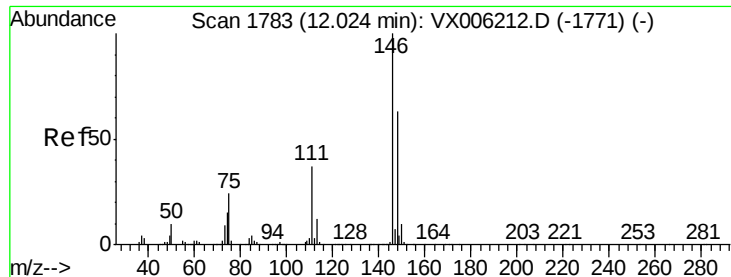
1000000

500000

0

Time-->





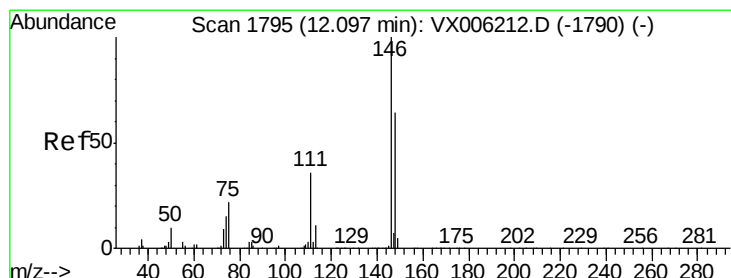
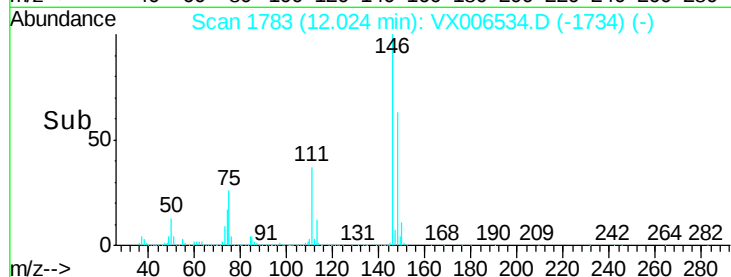
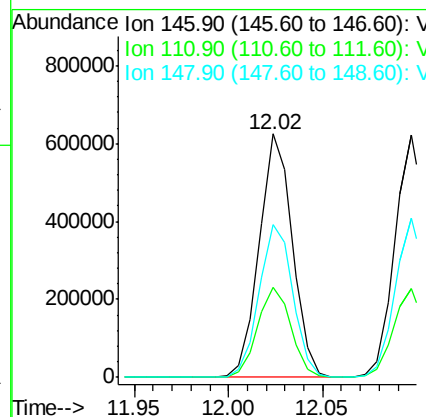
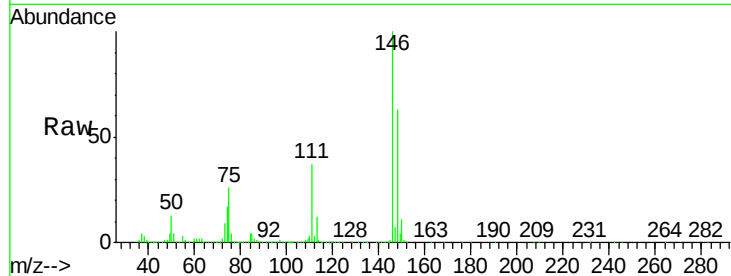
#87
 1,3-Dichlorobenzene
 Concen: 53.728 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.2
148	64.0	32.0	96.0

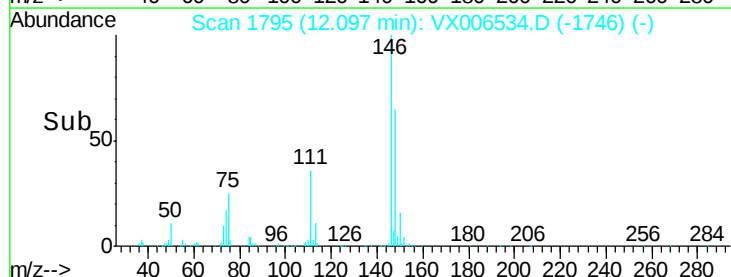
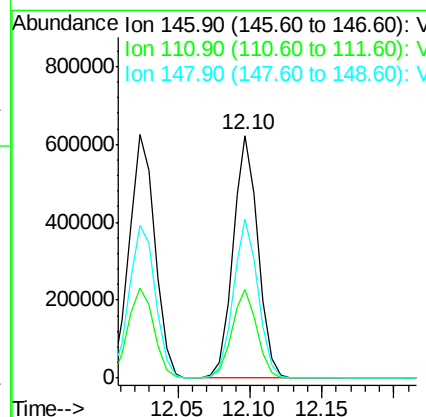
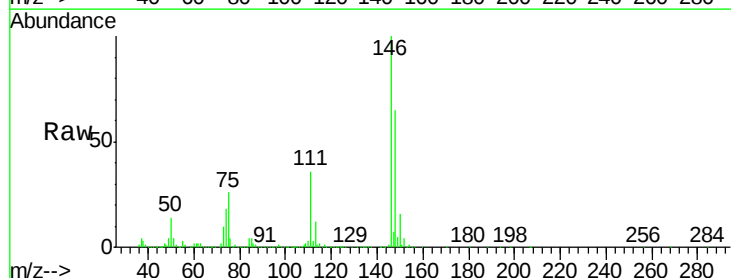
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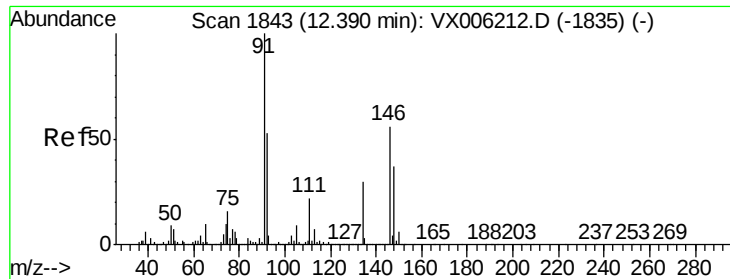
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#88
 1,4-Dichlorobenzene
 Concen: 52.451 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	65.1	31.9	95.9





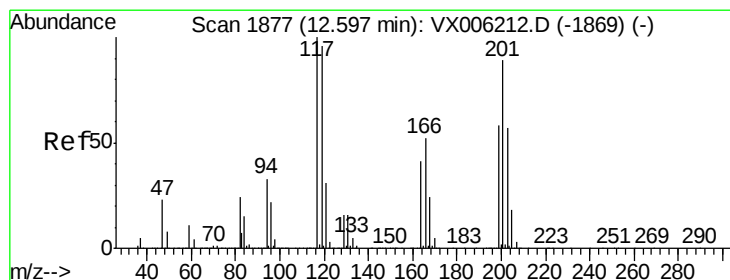
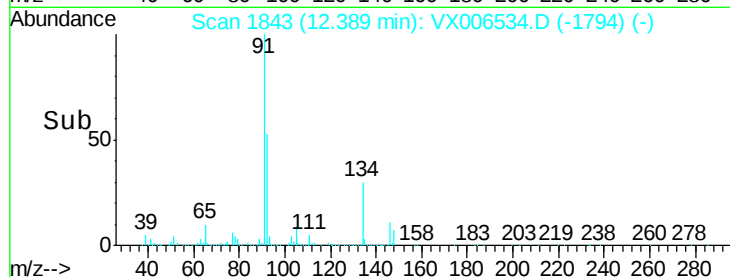
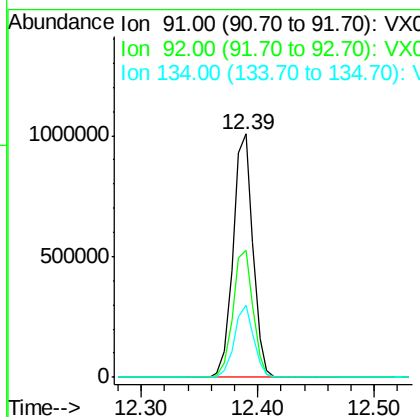
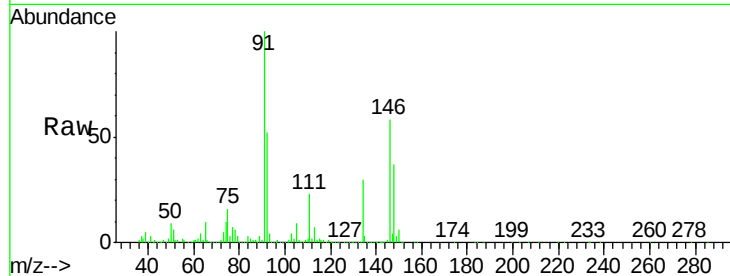
#89
n-Butylbenzene
Concen: 53.433 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1191354
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 28.9 14.8 44.3

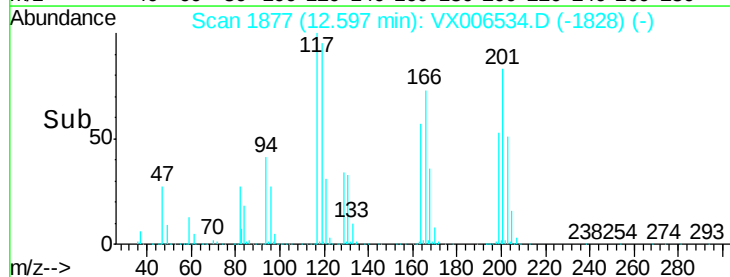
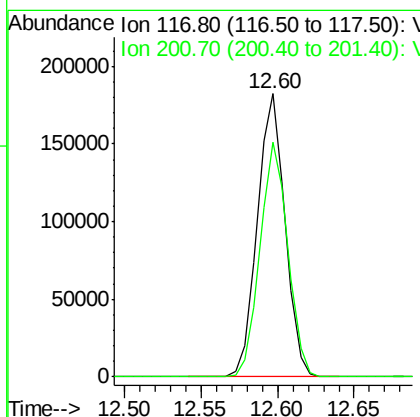
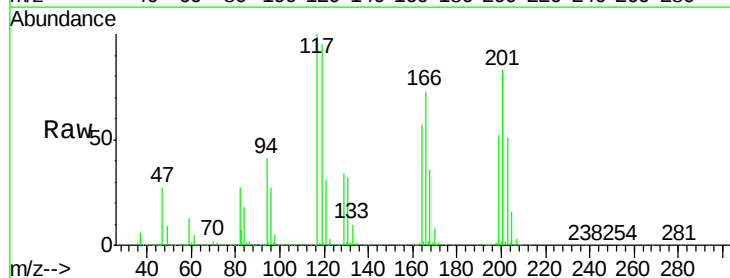
Manual Integrations
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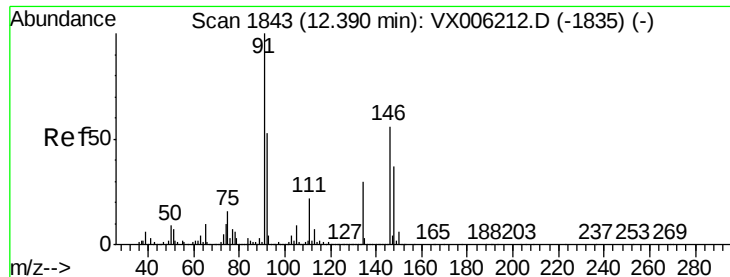
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#90
Hexachloroethane
Concen: 43.265 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 117 Resp: 230421
Ion Ratio Lower Upper
117 100
201 83.4 44.7 134.1





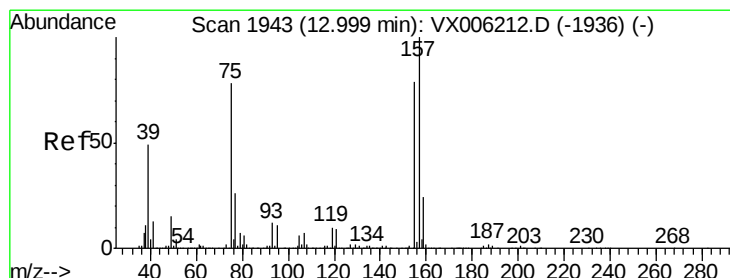
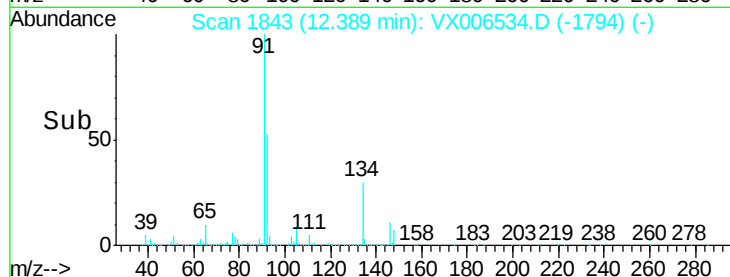
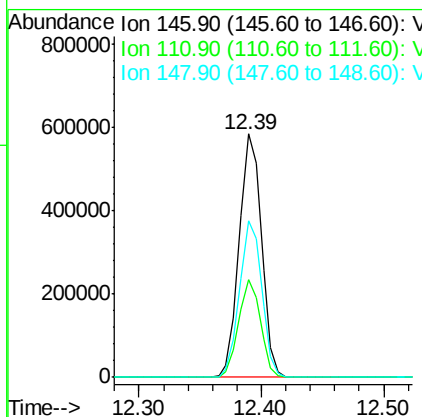
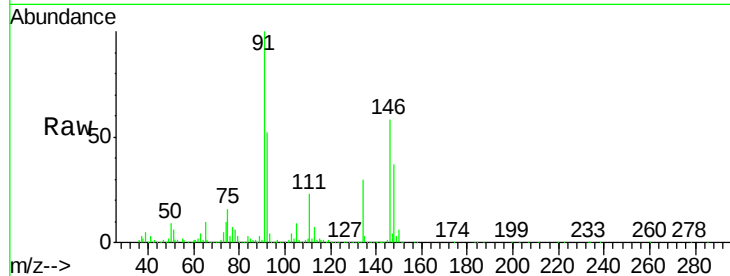
#91
 1,2-Dichlorobenzene
 Concen: 52.244 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	735706		
111	39.5	19.1	57.3	
148	64.2	32.1	96.3	

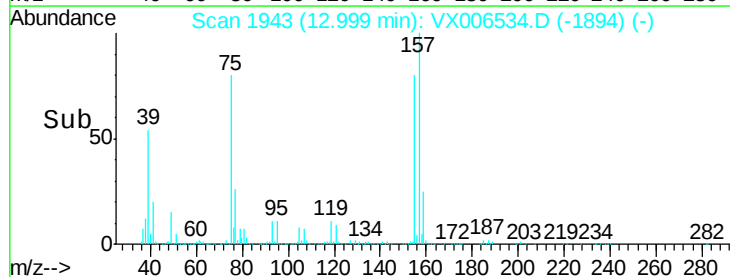
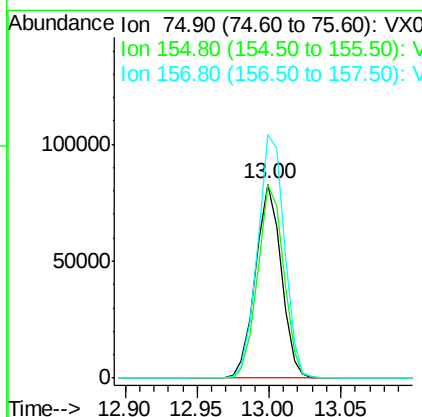
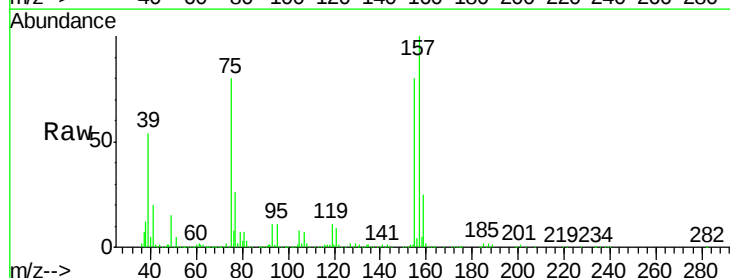
Manual Integrations
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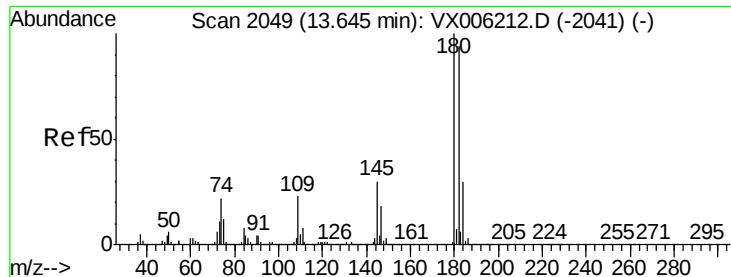
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.085 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101529		
155	101.4	53.4	160.3	
157	131.1	68.0	203.8	





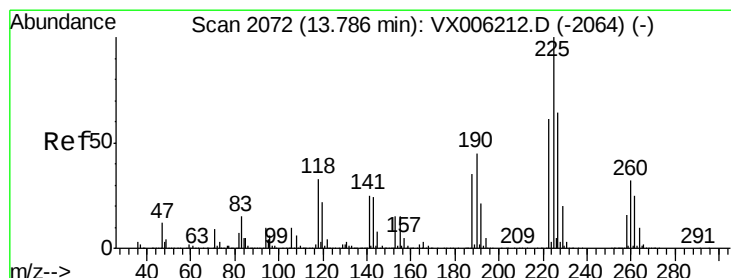
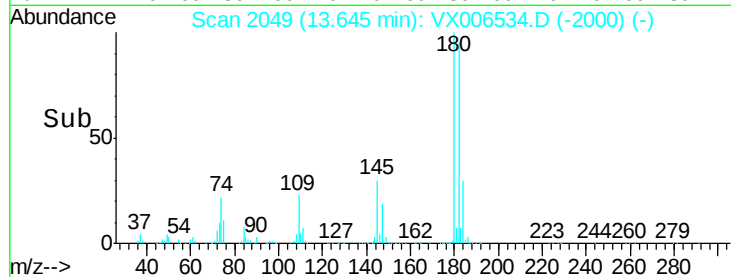
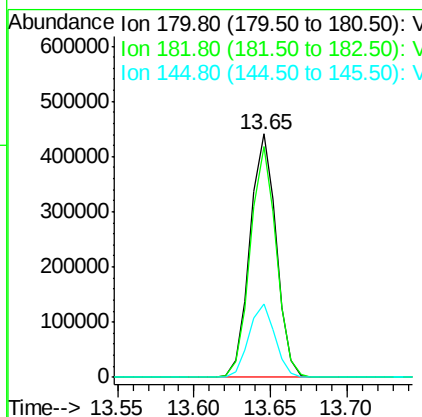
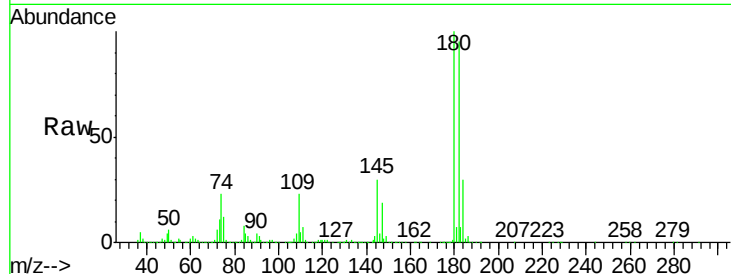
#93
 1,2,4-Trichlorobenzene
 Concen: 51.138 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	525378		
182	93.8	47.3	141.9	
145	29.9	14.6	43.8	

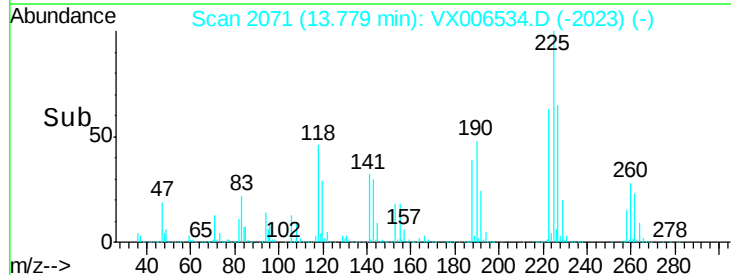
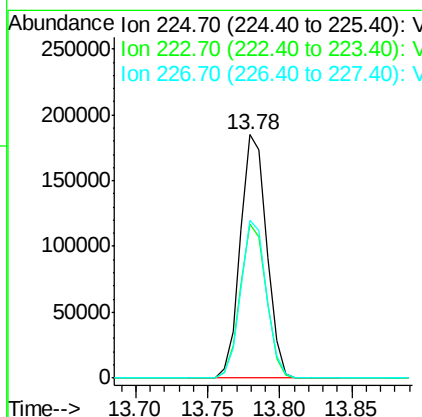
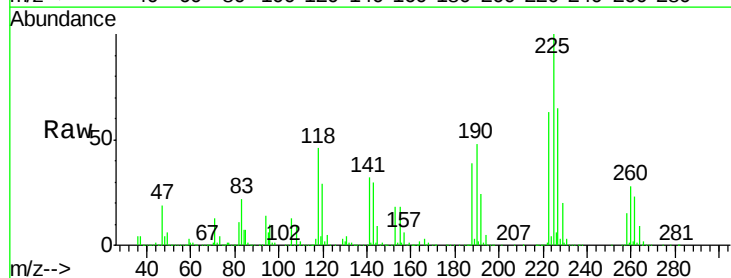
Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:24 PM



#94
 Hexachlorobutadiene
 Concen: 51.455 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233783		
223	62.5	31.2	93.6	
227	63.4	31.9	95.5	





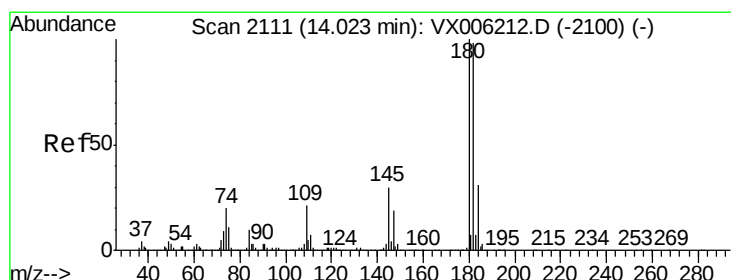
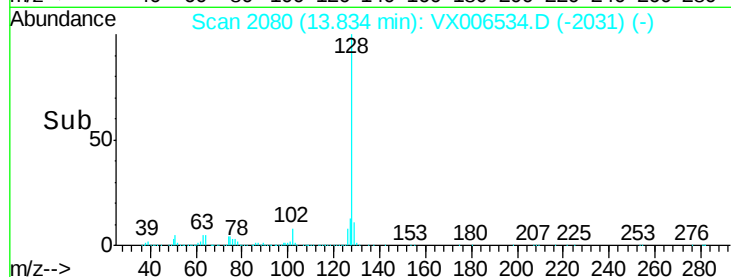
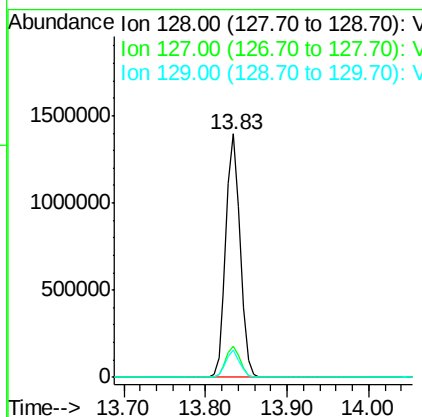
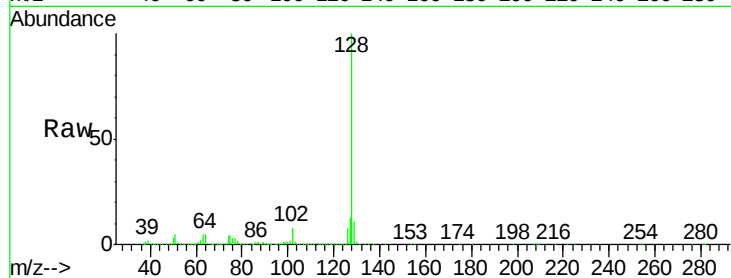
#95
Naphthalene
Concen: 52.785 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/17/2018 12:12:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.296 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.2
145	32.4	15.6	46.8

